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ED 017 025 56 CG 001 734 MULTICATEGORICAL EVALUATION OF PERFORMANCE IN CLINICAL PROBLEH-SOLVING TESTS. FINAL REPORT. BY-WILDS, PRESTON L. ZACHERT; VIRGINIA GEORGIA MEDICAL COLL., AUGUSTA REPORT NUMBER BR-6-1206 PUB DATE JAN 68 GRANT CEG-7-061206-2648 EDRS PRICE MF-\$1.00 HC-\$9.36 232P.

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THIS PROJECT ATTEMPTED TO DETERMINE IF NUMERICAL SCORING SYSTEMS FOR CLINICAL PROBLEM-SOLVING TESTS COULD BE DEVELOPED WHICH WOULD MEASURE THE EFFECTIVENESS OF DIFFERENT INSTRUCTIONAL METHODS IN TEACHING CLINICAL PROBLEM-SOLVING SKILLS. THE PROJECT WAS TO VALIDATE AND CROSS-VALIDATE THE SCORING SYSTEMS BY TESTS OF POPULATION SAMPLES OF KNOWN DIFFERENCES IN CLINICAL PROBLEM SOLVING SKILLS. DATA WAS DEVELOPED BY FIRST MODIFYING AVAILABLE TESTS WHICH REPRESENT 1500 SEPARATE BUT INTERRELATED ITEMS. THESE WERE ADMINISTERED TO MEDICAL STUDENTS. ONLY ONE AREA OF TESTS WAS PARTIALLY COMPLETED. ANOTHER ASPECT OF THE PROJECT WAS THE DEVELOPMENT OF SCORING. THE THREE TYPES OF SCORING ARE DIAGNOSTIC PROCESS, DIAGNOSTIC PRODUCT, AND THERAPEUTIC PRODUCT. A PANEL OF CLINICIANS WAS ASKED TO ALLOCATE EACH ITEM IN THE DIAGNOSTIC PRODUCT SECTION OF EACH TEST INTO ONE OF FIVE CAREFULLY DEFINED CATEGORIES FOR ALL STUDENT RECORDS AVAILABLE. THE PANEL WAS THEN ASKED TO ASSIGN EACH PATTERN OF SCORING IN THE DIAGNOSTIC PRODUCT SECTION OF EACH TEST INTO ONE OF FOUR CATEGORIES AND WITHIN THESE CATEGORIES TO RANK THE PATTERNS IN ORDER OF COMPLETENESS. A SIMILAR PROCEDURE WAS USED FOR SCORING THERAPEUTIC PRODUCT. THE RAW DATA OF STUDENT RESPONSES ARE GIVEN IN A LIMITED EDITION OF SUPPLEMENTS TO THIS REPORT. TALLIED EVALUATIONS FOR INDIVIDUALS ARE APPENDED. (AUTHOR/IM)

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INTERIM REPORT Project No. 6-1206-56 Grant No. 0EG-7-061206-2648

MULTICATEGORICAL EVALUATION OF PERFORMANCE IN CLINICAL PROBLEM-SOLVING TESTS

January 1968

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Multicategorical Evaluation of Performance in Clinical Problem-Solving Tests

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Medical College of Georgia

Augusta, Georgia

January 1968

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ABSTRACT

This is a report of an attempt to determine if numerical scoring systems for clinical problem-solving tests could be developed which would measure the effectiveness of different instructional methods in teaching clinical problem-solving skills. The scoring systems would have to meet criteria of clinicians' expert judgments realistically and discriminate between experts in clinical problem solving and those who are, in varying degrees, less expert.

The project was to validate and cross-validate the scoring systems by tests of population samples of known difference in clinical problemsolving skills from medical students to resident physicians and to fully trained clinicians.

The procedure followed was first to develop data by modifying tests available. These clinical problem-solving tests represent over 1500 separate but interrelated items. They were administered to population samples ranging in skill in clinical problem solving from sophomore medical students to senior medical students.

Due to a failure of the U.S. Office of Education to take up the option of the second year, only one area or group of tests (Tests A, A', and <u>A</u>) was even partially completed.

The second aspect of the project was the development of scoring. The three types of scoring were Diagnostic Process, Diagnostic Product, and Therapeutic Product. In scoring Diagnostic Process, a panel of clinicians was asked to allocate each item in the Diagnostic Process section of each test into one of five carefully defined categories for all student records available. In scoring Diagnostic Product, the panel was then asked to assign each pattern of scoring in the Diagnostic Product section of each test into one of four categories and within these categories to rank the patterns in order of completeness, if possible. A similar procedure was used for scoring Therapeutic Product.

Unfortunately, the development of final weights was not accomplished due to the shortened schedule. However, the raw data of actual student responses used in sorting are given in a limited edition of supplements to this report, and tallied evaluations for individuals are given in appendices of this report.

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INTERIM REPORT

I. INTRODUCTION

A. PROBLEM AND BACKGROUND.

1. Problem-Solving Behavior.

In the past decade, it has been generally recognized that problemsolving behavior involves skills which are difficult to define and are measured very imperfectly by conventional multiple-choice tests of the type commonly used to measure content or knowledge. It has been observed, for example, that an expert knowledge of electronic theory and instrumentation is not synonymous with expert ability to diagnose and correct malfunctions in electronic equipment.

2. Testing for Skills.

Efforts to test realistically for problem-solving or "troubleshooting" skills have led to the development, in industrial and military training programs, of complex testing equipment duplicating as nearly as possible the conditions under which the trainee must perform his problem-solving procedures. Paper tests to measure "trouble shooting" skills have also been developed. For many industrial and military areas, there are tab-item tests which attempt to represent the problem-solving process on paper. Perhaps the best known of these are the erasure type tests of Van Valkenburgh, Nooger and Neville, Inc.

3. Medical Field Evaluation.

In the medical field, testing for proficiency in problem-solving skills has taken various forms. Examples:

- a. Oral examinations in which the student is presented with portions of a case presentation and must solve the problem by requesting appropriate additional information from his examiners.
- b. "Programmed patients" in which the student is presented with a "patient" who is in fact a professional actor who has been specially trained to simulate a limited repertory of diseases and to evaluate the student's skill in diagnosis.
- c. Tab-item tests adapted from their military and industrial origins to specific problems of patient care.

4. Difficulties to Date.

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Of the methods in use to evaluate medical problem-solving, the first, the oral examination, has the disadvantage of being unreliable; the second, the "programmed patient" is limited by the general unavailability of specially trained actors and actresses and the limited number of diseases which are appropriate for them to simulate. The third method, the tab-item test, appears to avoid some of the disadvantages of the other two methods and permits more objective recording of the subjects' performance in clinical problem-solving.

B. DESCRIPTION OF CLINICAL PROBLEM SOLVING.

The steps involved in clinical problem solving are complex and highly variable. They may, however, be divided into three phases: 1) finding the patient's problem or problems, 2) defining the patient's problem or problems, and 3) formulating plans for management, treatment, or disposition.

1. Finding the Problem.

Although it is often necessary for the physician to carry out the phases of clinical problem-solving concurrently, even in emergency cases he must first obtain sufficient information to find and identify the patient's problem. He starts with a minimum of information, often no more than a single complaint, and then collects further information from history, physical examination, and various diagnostic tests and procedures. Often, the patient's problem is obvious and easily recognized; in other cases, much information must be obtained and evaluated in order to detect the problem. Although there are many acceptable sequences for collecting this information, it is not a random process; certain sequences are unacceptable because they are relatively unsafe or inefficient.

2. Defining the Problem.

For the majority of clinical problems, a surprisingly large amount. of information must be collected and evaluated to define the patient's problem precisely, and to rule out complicating conditions. In the history and physical examination alone, the workup of the usual medical or surgical patient calls for collecting and evaluating information in 50 or more different categories. The more information the physician collects about his patient, the more selective he must become in his acquisition of further information, the more he must call upon and apply his fund of specialized medical knowledge, and the more car_ful he must be to obtain this information in a safe and efficient sequence, especially in his choice of diagnostic tests and procedures. In this process of identifying and defining the patient's problems, he must decide when he has collected enough information to proceed with formulating a plan of therapy or disposition for the patient. The decision "How much information is enough?" may vary from the evaluation of only a few items in extreme emergency situations to well over a hundred.

3. Formulation of Plan for Management.

The process of planning the management, therapy, or disposition of the patient's problems, once they have been defined, is also complex and difficult to describe. Often, several therapeutic modalities must be considered (Examples: "psychotherapy" or counseling, drugs, surgery, radiation therapy, expectant observation, etc.).

- 2 -

For each of these, the risks of the plan of treatment must be balanced against the possible benefits to the patient. Often, a choice which can be represented on paper as a simple "yes-no" decision involves the processing of scores of items of highly specialized and often conflicting information before a decision is reached which permits the physician to respond overtly. For some patient-management problems, the entire plan of management will involve only one or two such decisions. For other patients, appropriate treatment requires a series of therapeutic trials carried out concurrently with gathering and evaluating further information about the patient's response to the trials.

C. TAB-ITEM TESTING.

1. Objectives of Tests.

- Several institutions have developed and used tabeitem tests in the medical field. Each has differed in the objectives of the testing programs.
- a. <u>National Board of Medical Examiners</u>. In their Part III examinations given at the end of internship, they have used tab-item tests to help screen out candidates unfit for medical licensure.
- b. <u>Center for the Study of Medical Education of the University</u> of Illinois College of Medicine. They have used tab-item tests as part of comprehensive final examinations of senior-medical students who are cardidates for the M.D. Degree. They have used these same tests to expose apparent deficiencies in performance of physicians in practice and apparent deficiencies in training programs for medical students, interns, and resident physicians.
- c. Loyola University at Chicago. Rimoldi has used "The Test of Diagnostic Skills" chiefly as a research instrument to investigate the problem-solving process itself, comparing the performance patterns of medical students in various years, interns and residents in training, and physicians in practice.
- d. <u>Medical College of Georgia</u>. Wilds and Zachert have used tabitem tests to compare the effectiveness of different programmed texts in teaching clinical problem-solving skills in gynecologic oncology to junior medical students.

2. Formats.

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The tests developed by these four institutions differ markedly in their formats and in the emphasis placed on different parts of the clinical problem-solving process. This is to be expected in tests developed for divergent testing purposes. The tests share, however, three common characteristics.

a. They are capable of representing the clinical problem-solving process realistically, with a wealth of complex detail.

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They have great face validity, and hence appeal strongly to Ъ. medical educators in clinical ffelds. the terms Constraints to the second second second M. La Mary · ·

They have scoring systems where rationales are more relevant с. to administrative ease than to maximum accuracy in representing the skills they purport to measure. and prostant of the

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3. Uses.

A tab-item test which is realistic and has great face validity can be constructed relatively easily in any of several formats by an expert clinician who has little training in test construction and evaluation. The great appeal of this type of test in medical education has led to a rapid increase in its use in several critical areas:

a. Several State Boards of Medical Examiners and the National Board of Medical Examiners are using tab-item tests to evaluate candidates for medical licensure. 小小小小小小 古被盖在金毛子

The tab-item tests of the University of Illinois College of Ъ. - Medicine have influenced the planning for continuing education of practicing physicians at both regional and national levels. S 2

Rimoldi's work, comparing the diagnostic skills of physicians с. in practice with those of medical students, has helped bring about reappraisal of the methods used in medical school to teach clinical problem solving to students.

4. Objectives of Scoring Systems.

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This project has been concerned chiefly with developing scoring systems for tests used to measure the effects of different teaching methods on student performance in clinical problem solving, rather than to measure or certify the competence or incompetence of individual students in these skills. It was clearly beyond the scope of this project to determine the predictive relationship between the scoring of tab-item clinical problem-solving tests and the ultimate criterion of improved problem-solving performance in clinical practice.

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Tests Developed.

At the Medical College of Georgia, Wilds and Zachert in an unanticipated dividend from their work on the Office of Education Project "Effectiveness of a Programmed Text in Teaching Gynecologic Oncology to Junior Medical Students" found it necessary to develop tab-item tests to measure their students' performance in applying their knowledge of tumors of the female pelvis to specific problems of individual patients. During the Summer and Fall of 1964, 9 such tests were developed and were administered throughout the year 1964-65 to the 92 members of the junior class of the School of Medicine. Each student spent approximately four hours working through eight such examinations at various scheduled times. The examinations were also administered to physicians in residency training programs in obstetrics and gynecology and to certified specialists in obstetrics and gynecology on the faculty.

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Performance Patterns.

During the year's use of these tests, it was repeatedly demonstrated that patterns characteristic of medical students at the beginning of their training differed considerably from those of medical students further along in their clinical training, and differed markedly from the patterns of resident physicians completing their clinical training, and of medical school faculty members who were expert clinicians in the field of the patient's disorder. Among the expert clinicians on our faculty who reviewed the performance patterns of students and physicians who had taken the test, there was general agreement that they could recognize the patterns of other experts and the patterns of resident physicians in training, and that these could be distinguished easily from the patterns of most students. On an item for item basis, however, the "expert" patterns appeared to vary almost as widely as did the patterns of the beginning medical students.

3. Evaluation by Expert Clinicians.

It seemed clear that the judgment of expert clinicians was essential to the evaluation of performance in this type of test. The expert clinicians were of the opinion that most of their important judgments could be expressed only in verbal terms and could not be reduced to numerical concepts requiring the notion of interval and ratio scales. For example, in considering the management of a patient with a painful incurable disease, how does one express in numerical terms decisions which must be judged on how they alter the intensity, timing, and type of human suffering? Their judgments, however, tended to express in verbal terms the notion of ordinality, which is of course a numerical concept.

Development

It was recognized that in the evaluation of performance in clinical problem-solving tests, many unexplored steps lay between the expert judgment of the clinician and the development of a programmed scoring

pattern prepared for a computer which will eventually score all tests.

a. Use of Clinical Experts. The services of expert clinicians are required to construct tab-item problem-solving tests in clinical medicine and are also required to pass judgment on the performance of those who take such tests. A test may consist of 200 or more interrelated items. The interrelationships are complex and require a large amount of knowledge which may not be apparent on inspection of the test itself. An item which appears in the test as a simple "yes-no" decision may, in fact, require the weighing of dozens of items of information learned outside the test before a knowledgezble decision can be reached. A conscientious and expert clinician who is familiar with the problem should be able to make a verbal judgment on any item or combination of items in the test, but he is unlikely to have either the time or the professional confidence to translate this judgment into a numerical scoring system.

b. Use of Test Construction Experts. A psychometrician working with clinical problem-solving tests may recognize that the scoring patterns which are meaningful to the clinician usually require a specialized medical knowledge which is outside the · · · · · · · psychometrician's field of competence. If he interrogates the physician sufficiently on any one point, he may learn that what the clinician calls "clinical judgment" or "experience" actually is based in a large measure on quantitative information which can be verified in the medical literature and with which other clinicians are in general agreement; and that many of his decisions and judgments, nevertheless, are based upon data which appear to defy direct comparison in numerical terms. For example, even if a group of clinicians agreed that a specific therapeutic decision involves a choice between: 1) a 95% chance of severe reactive depression, versus 2) a 50% chance of prolonged physical suffering, versus 3) a 10% chance of sudden death, the information, though expressed quantitatively, calls for the comparison of entities which are not comparable. In scoring the test, the psychometrician will have to learn to use the clinicians' judgments expressed verbally in such terms as "this is the best pattern, this is the next best, this is the worst," etc.

c. Clinically Valid. Once the psychometrician has the clinical expert's verbal judgment on each item or pattern of items in the test, he must with a minimum of help from the clinicians develop a weighted numerical scoring system for the test. Ultimately, the numerical system must be referred to the clinical experts who must judge whether or not the scoring system and numbers are an acceptable translation of their verbal judgments of the problem and its solution.

Discriminately Valid. If the scoring system accurately reflects d. the diagnostic and therapeutic skills which it purports to measure, the test should be able to distinguish between popula-

tions known to have widely different skills. It should, for example, be able to distinguish between "chance" scores of nonmedical personnel and the scores of medical school students with

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some experience in the diagnostic workup of the patients. It should distinguish between students and senior resident physicians whose specialized training is in the field concerned with the problems of the patient in the test; and the performance of senior resident physicians with equivalent clinical experience in other medical disciplines.

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E. RELATED RESEARCH

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problem-solving tests analogous to those used in clinical medicine has been reported in literature. In the past five years, however, at least four groups have been actively at work on the problem.

What Options Should be Measured? 1.

The National Board of Medical Examiners.

For the Part III examination given at the end of internship, Dr. Edithe Levit and her co-workers have developed tab-item examinations designed to measure proficiency in specific skills such as the selection of appropriate laboratory data and selection of appropriate plans of therapy in the management of specific problems in clinical practice. Tests tend to be linear in format. The sequence in which the student is given access to new information is carefully controlled; students take essentially similar paths through the test and their decisions at any one point are based upon a similar acquisition of exposure to the information and may therefore be compared on equal terms. Such a test seems appropriate when one's objective is to measure the student's competence under conditions which give him no option " but to perform at his best.

The College of Medicine of the University of Illinois.

Christine McGuire and her co-workers have developed "patientmanagement" examinations which are "branching." The student is given a portion of a case presentation and then is asked to choose the additional information he needs to solve the patient's problem. He may ask for more history, more details of the physical examination, or various routine and special laboratory studies and procedures. He has random access to all this information; he also has the option at any point in his informationgathering to bypass gathering of further information and proceed directly to the treatment of the patient's problem. Tests of this sort, by making the student rather than the examiner decide "how much information is enough," add a dimension to the testing procedure which was excluded from the National Board of Medical Examiners Part III tests. The physician in practice must determine for each patient "how much information is enough." There is disagreement as to whether a measurement of the tendency to bypass collecting essential information should be included in the evaluation of professional competence. The examinations of the National Board of Medical Examiners exclude this option; the tests of the Medical College of the University of Illinois emphasize it.

What Scoring System Should be Used? 2.

Item Scoring. Both the National Board of Medical Examiners and a. the University of Illinois College of Medicine have resorted to scoring systems weighing each item positively or negatively on

a simple scale of five points or less such as:

+5 +4 +3 +2 +1 0 -1 -2 -3 -4 -5or +4 +2 0 -1 -4

This type of scoring system has the advantage of convenience and permits easy translation of the data to punch cards or other methods of mechanical processing. The system, however, necessarily distorts the importance of different parts of the problemsolving procedure. Whenever diagnostic and therapeutic skills are lumped together to be measured as a combined skill in "clinical problem solving," "patient management," etc., relative weights must be assigned to each item of diagnosis and therapy. At present, there seems to be insufficient objective information to justify such relative weighting, whether it be equal or unequal. If the diagnostic process is adequately represented by the large number of items which must be evaluated in a real patient, the test will necessarily be heavily weighted in favor of the diagnostic process, and the handful of items in the categories of diagnostic product or therapeutic product will be under-represented in the student's final score. Differential weighting fails to solve the problem. If the therapeutic sections of the tests are given an emphasis to match the diagnostic informationgathering sections by the expedient of giving the few items of therapy very heavy individual weights, the scoring pattern of the test is distorted because the individual items are no longer being scored on a comparable scale.

Pattern Scoring.

When item scoring is used, the assumption is made that the whole is equal to the sum of its parts and that a subject's skill in "clinical problem-solving" or "patient management" can be measured by adding together his score of differentially-weighted items in the test. In the gathering of clinical information, this assumption is sufficiently accurate to permit tests to be constructed which measure diagnostic skills without too much In the sections of the test which call for formulating distortion. a diagnosis and specifying plans of management, however, the whole is greater than the sum of its parts. It becomes essential to use pattern scoring in which patterns or combinations of items are given weights, and the weight of each individual item varies depending upon the pattern of other items which have been chosen. Pattern scoring seems essential to the development of a numerical scoring system which can represent different aspects of clinical problem solving with equal accuracy.

3. What Criteria Should be Used?

Rimoldi.

Working at Loyola University with "The Test of Diagnostic Skills,"

usually a 50-75 item case presentation concerned with the diagnostic process, Rimoldi found that the junior medical students selected more items, especially in the interview phase of the test, than did senior students, who in turn selected more items than physicians. It appeared that subjects with greater clinical experience tended to restrict the scope of their investigation of the problem earlier and to dismiss more items as irrelevant to the problem than did subjects of less clinical experience. Rimoldi, using the performance of physicians as his criterion of diagnostic proficiency, concluded that "irrelevant questions are those that are never or very seldom asked by physicians." His scoring system for the diagnostic process is complex, but it would appear to be based on the assumption that an expert performance in a test of diagnostic skills is one in which all the relevant questions are asked and none of the "irrelevant" ones are asked.

Ultimate Criterion Studies.

Studies of actual performance of physicians in private practice conducted in North Carolina by Peterson, and confirmed by Clute working in Ontario and Nova Scotia, have indicated that the principal performance deficiency of the physicians they studied was the failure to gather enough relevant information about their patients.

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i. The physicians' history taking tended to be inadequate or unrelated to the patient's problem and was often omitted altogether.

The physicians' performance in physical examination was ii. usually inadequate and the parts of the body related to the patient's complaint or problem were often not examined at all.

iii. The physicians' collection of confirmatory laboratory information was usually omitted; and when laboratory data was requested, it was often inappropriate to the patient's problem. There was an inverse relationship between the number of laboratory studies ordered per patient and the number of medications prescribed.

c. Current Training Evaluation.

entress the production of the second second second Competent professional care of patients requires the use of screening procedures, involving history, physical examination, and laboratory tests, all of which lead to the collection of much information which, at the time it is collected, is of unknown relevancy to the patient's problem. In both undergraduate and in graduate medical education, it would appear that behavior leading to the use of "screening" questions, examinations, and procedures in patient care should be encouraged The findings of Peterson and Clute suggest that or reinforced. the performance of physicians trained in the past are an unsuitable criterion for current training methods. A scoring system,

if it is to evaluate current training procedures in clinical diagnosis and treatment, should be based on current training standards and should not rely for its criterion upon the performance or products of earlier training systems.

. How are Test Scores Related to Clinical Experience?

At the Medical College of the University of Illinois, McGuire and her co-workers employed a panel of clinical experts to rate each item in each "patient-management" examination in a simple five point scale (See Section E2, Part a, Paragraph 1). The weighting of each item was thus based upon expert clinical opinion rather than on the actual performance of clinicians taking the tests. Data from unpublished reports and personal communications have indicated that when the tests were administered to appropriate groups of medical students, interns, residents, and physicians with years of clinical experience in private practice, there was no significant positive correlation between the duration of the subject's clinical training or experience and the scores he attained in the "patient-management" examination.

The tentative findings of this study require either the conclusion that clinical training and experience do not improve a physician's performance in the management of patients, or, more likely, that this improved performance is not demonstrated in the tests or reflected in the methods used to score the tests.

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Alexandra La Alexandra Marina F. RELATED RESEARCH AT THE MEDICAL COLLEGE OF GEORGIA

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Problam. Early in 1964, the developing of a programmed text a. to teach "application" forced the recognition that general proficiency in "application" called for separate proficiencies in a variety of distinct but interrelated skills which had to be identified and taught by special strategies and formats. It was also recognized that the oral examinations were too imprecise to measure certain proficiencies in "application."

b. Tests Developed. In order to obtain more precise measurements of these skills, a set of nine patient-management examinations was developed during the Summer of 1964 to supplement the program of special oral examinations. A description of the tests, a sample test and answer sheets are attached to this report as Appendices A, B, and C.

Format. The tests make use of a new format, but borrow freely the techniques and principles of Van Valkenburgh, Nooger and Neville, Rimoldi, and McGuire. In these tests, the student is given an opportunity to take a history, do all or any part of a general physical examination, and other diagnostic studies and procedures in whatever sequence he sees fit.

2. Method.

c.

- Process. In most cases, he may collect data from more than a a. hundred different items. In each test, he is then asked to define the patient's problem in detail specifying the patient's exact diagnosis, the extent of the disease, and the various complicating and subsidiary diagnoses. He is also asked to select from as many as fifty possibilities a sequenced plan of treatment appropriate to the patient's problems as he has defined them.
- Presentation. During the academic year 1964-65 at the Medical b. College of Georgia, each junior student worked his way through eight of these tests. Three were given as pre-tests at the beginning of the clerkship, and five were given at the end of the clerkship as a post-test. In addition, eight resident physicians in obstetrics and gynecology were administered the tests.
- Scoring. Four senior resident physicians in obstetrics and gynecology served as a criterion group and developed a trial scoring system for these tests. Each item was weighted on an individual basis and there was only a minimum of pattern scoring in the diagnostic product and therapeutic product sections of the tests.

3. Results.

a. <u>Groups</u>.

i. <u>Residents</u>. With this trial scoring system it was found, after laboriously hand scoring each test, that the <u>residents</u> all took different paths through the tests but achieved uniformly high scores.

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- ii. <u>Faculty</u>. <u>Faculty members</u> also took the tests and received variable scores.
- iii. Junior Students. Junior medical students at the beginning of their medical training received scores which averaged less than 20% of the scores made by the residents. Junior students at the end of their clinical training made scores which approximated those made by the faculty.
- b. <u>Appraisal</u>. Close study of the scoring system established by the <u>residents</u> indicated that the residents had a much narrower view than did the faculty of what constituted appropriate patient care in each case, and that they tended to penalize nonstandard approaches to diagnosis and therapy with great severity. The hand scoring of the more than 100,000 clinical choices made by the medical students during the year is far from complete. Tallies have been made on the information-gathering sections of four post-tests containing such sections administered to groups of students in the Spring of 1965.

Table I on Page 14 summarizes these results. The experimental group had been given a special programmed test in clinical problem solving. In its choices of history and diagnostic items, the experimental group was consistently more thorough and also more selective than the control group in its diagnostic workup of patients. The superiority of the experimental group to the control group in other sections of the test requiring a correlation of diagnostic information and the formulation of a plan of therapy was even more marked, but because the lack of a sufficiently flexible system of pattern scoring for these sections penalized many students in each group, the difference was of questionable validity.

4. Evaluation.

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The principal value of the trial scoring system was the experience it provided in laying the groundwork for building scoring systems of greater validity. It was apparent that much of the decisionmaking in the clinical problem-solving tests could be rated on numerical scales and scored accordingly. For certain major parts of each test, however, it proved impossible to find objective criteria which could be used to relate these parts into a single integrated numerical scale. These numerically unrelatable parts were labelled Diagnostic Process, Diagnostic Product, and Therapeutic Product.

SUMMARY OF DATA-GATHERING ITEMS SELECTED TO SOLVE THE CASE PRESENTATIONS IN FOUR PROGRAMMED EXAMINATIONS

	Medical College	or deorgiu, builtor meeter	
		· · · · · · · · · · · · · · · · · · ·	• <u>•</u>
·	· · ·	Experimental Group B' 3/12/65	Control Group A [*] 4/30/65
		N = 23	N = 21
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I.	History Items		``````````````````````````````````````
	L = Routine	64% of 1817	59% of 1659
	M =, Indicated	84% of 368	89% of 273
ŢI.	Physical Examination Iten	ns	· · · · · · · · · · · · · · · · · · ·
	L = Routine	68% of 2438	48% of 2058
	M = Indicated	86% of 1173	81% of 1239
III.	Diagnostic Studies	· · · · ·	
	L = Routine	64% of 483	41% of 441
	M = Indicated	60% of 1104	51% of 1071
•	N = Not Indicated	21% of 1403	16% of 1197
<u> </u>	P = Contraindicated	23% of 184	25% of 189
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IV.	Total Items	61% of 8970	52% of 8127

Medical College of Georgia, Junior Medical Students

TABLE I

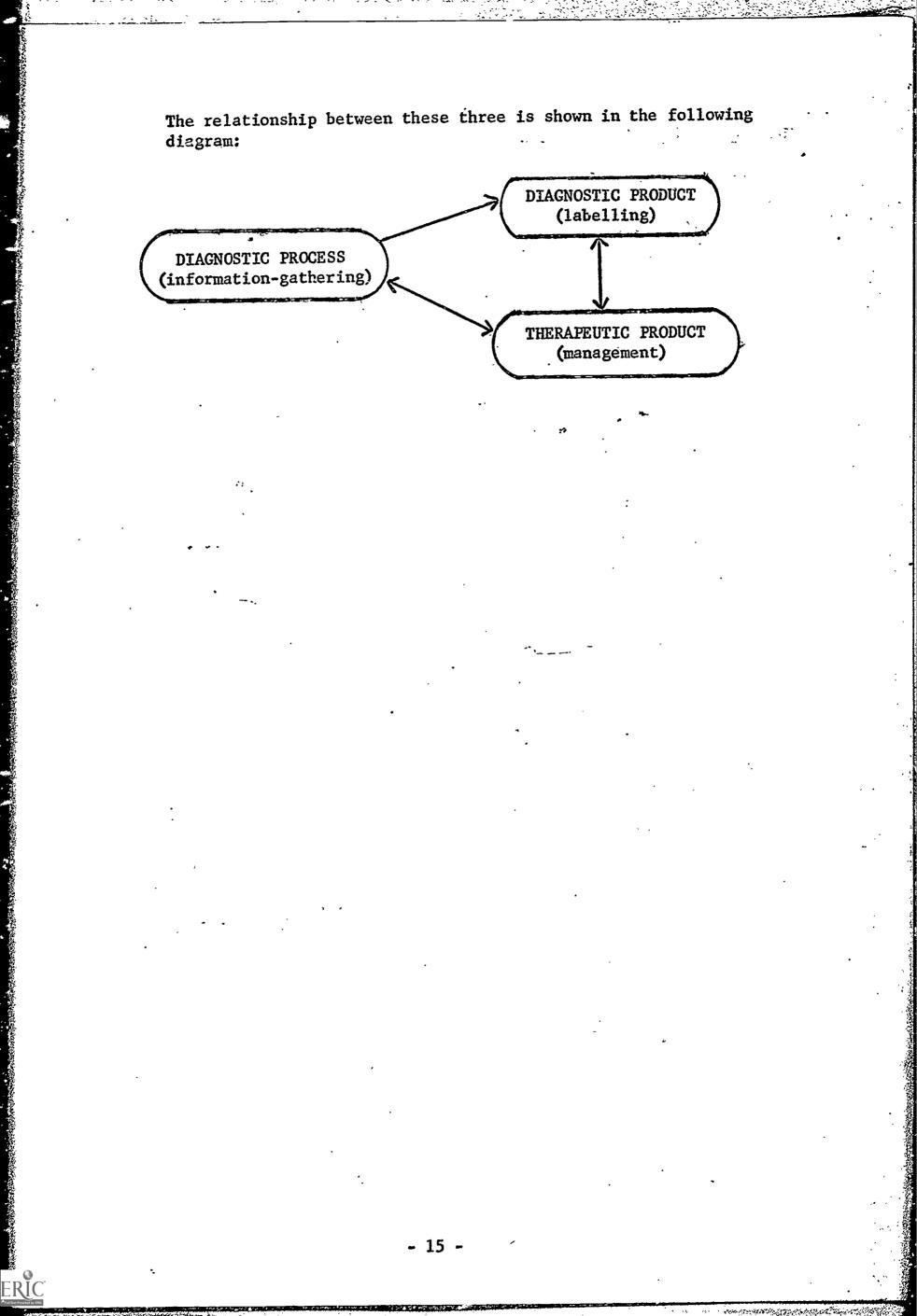
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G. THEORETICAL REQUIREMENTS FOR A SCORING SYSTEM.

1. The Diagnostic Process.

- a. Description.
 - 1. <u>Traditional Workup</u>. In the traditional workup of a patient, the Diagnostic Process begins with the taking of the history, proceeds with physical examination of the patient and continues with a selection of diagnostic studies and procedures until either a diagnosis is reached or a decision is made that further tests and procedures are not in the patient's best interest. In attempting to solve the patient's problem, the student or physician begins as an omnivorous gatherer of information. His information-gathering must include problem sensitivity, because it is quite likely that as he learns more about the patient, he may discover that the patient's important problems are not the ones with which he was originally presented.
 - 11. Search Behavior. In his search behavior, he must recognize that the more information he gathers, the more selective he must become in choosing his methods of gathering further information. As he progresses from asking questions of the patient to requesting diagnostic studies which may be expensive, painful, or even dangerous, he must weigh the risks of ordering the test against the risks of not ordering the test. As the student-physician proceeds with the diagnostic process, the decisions he makes become more critical, more difficult, and call for increasingly complex comparisons of what he knows about the tests compared with what he now knows about the patient.

b. Weighting.

Varies in Test. It is apparent that the many items in the **i.** Diagnostic Process section of the test require varying weights to represent the process. Items which most physicians would select as a matter of course early in the Diagnostic Process, such as asking questions or taking a history, can be given positive weights, but low ones. As more information is obtained about the patient, certain items of information become clearly irrelevant, and yet obtaining this information may do the patient no harm. Such items can be given a zero weight. Other items become more relevant and more important as the patient's problem becomes clearer. These crucial, strongly indicated items can be given a heavier positive weight than the "_outine" ones. Certain items, especially some tests and procedures, may be unnecessary, dangerous, and strongly contraindicated. They can be given appropriately negative weights. (These same procedures for another patient with a different problem might be just as dangerous, but might also be necessary to the solution of the problem and hence might be weighted positively.)

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- ii. <u>Varies Between Problems</u>. It is desirable to compare a subject's proficiency in the Diagnostic Process in one test with his proficiency in another. This cannot be done by a simple item count of "indicated" or "crucial" items. One test may have 50 such items, and another only five. This does not mean, however, that in one test the diagnostic process is ten times as complex as it is in the other. Quite possibly, the test with only five crucial diagnostic items may call for the student to process far more data to reach his decision than is called for in processing the 50 items of the other test. For this reason, similar-appearing items in different tests must often be assigned different weights.
- iii. <u>Clinical Agreement</u>. Clinical experts reach agreement rather easily in assigning these items to such categories as "indicated," "not indicated," "contraindicated," etc. The chief difficulty in developing a scoring system for the Diagnostic Process section is deciding the weights for the various items. A proper selection of weights will not only reflect the diagnostic process realistically, but will also permit the scoring to discriminate between the performance of those who are experts in the Diagnostic Process and those who are less expert in varying degrees.

2. The Diagnostic Product.

- a. <u>Scoring Weights</u>. Table II on page 18 is a chart representing the requirements for scoring the different sections of the test. The first section, Diagnostic Process, has already been discussed. The second section, Diagnostic Product (represented on the chart by the middle column between the vertical lines), is the simplest to score. The student is asked in this section to summarize and specify his concept of the patient's problems in a multiplechoice format. He may choose any number of combinations of 50 or more diagnostic terms.
- b. <u>Scoring Patterns</u>. Theoretically, an astronomical number of combinations is possible; in practice, however, only the patterns which are actually chosen by those who take the test need to be scored. Our experience with a large group of students and physicians indicates that they choose only a small number of patterns. These include a complete and correct response, various correct but incomplete responses, and a limited number of plausible but erroneous responses. The total number of patterns is small enough that clinicians can evaluate them and rank them in their order of acceptability. This rank can then serve as a basis for a scoring system for Diagnostic Product.

3. The Therapeutic Product.

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a. <u>Relation of Other Parts of Test</u>. The final section of the test deals with the student's formulation of his plans for treatment or disposition of the case. It should be pointed out that this section is related as directly to the Diagnostic Process as is the Diagnostic Product section.

	DIAGNOSTIC PROCESS (information-gathering)			DIAGNOSTIC PRODUCT (disease labelling)	THERAPEUTIC PRODUCT (management)	
	History	Physical Exam	Studies Procedures	(C20000 2000 0)		
Indicated. Items (+ Scores)	YES	YES	YES	YES	YES	
# Different Weights	2	'. 2'	2	MANY	MANY	
Contra- indicated items (- Scores)	NONE	NONE	YES	NONE	YES	
<pre># Different Weights</pre>	NONE	NONE	2	NONE	MANY	
Irrelevant Items (O Score)	NONE	SOME	MANY	MANY	MANY	
Sequence Patterns	NONE	NONE	SOME	MANY	MANY	
Overlapping Patterns	SOME	SOME	SOMÉ	SOME	MANY	
Exclusion Patterns	NONE	NONE	SOME	SOME	MANY	
Relative weights of sections	VARIABLE	VARIABLE	VARIABLE	Separate Score	Separate Score	

Composite of Scoring System for Problem-Solving Tests TABLE II.

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- b. <u>Independence From Other Scores</u>. It has been observed that a student can complete the diagnostic process with skill, be unable to formulate a diagnosis using the terms offered him, or worse, formulate an erroneous diagnosis, and yet proceed with a plan of therapy which is appropriate for the patient but not for the diagnosis he has formulated. The opposite also occurs: The student formulates a plan of therapy which is appropriate for the patient.
- c. <u>What Should Be Scored?</u> The scoring system for Therapeutic Product is based on the appropriateness of therapy for the <u>patient</u>, and not its appropriateness to the student's plausible but erroneous diagnosis. The methods for assigning numerical scores are similar to those for Diagnostic Product.

II. METHOD

A. Development of Data.

1. Test Modification.

A year's use of the tests already developed indicated that a number of minor changes needed to be made in the tests to eliminate misunderstandings and to insure that the tests themselves provide a realistic experience in clinical problem solving. These changes involved alterations in the instructions, changes in the terminology of certain items, shifting certain items from one category to another and making certain additions and deletions. The answer sheet was extensively revised.

During the first year of the project Tests A, A', and A were fully revised. Copies of these tests in their unrevised and in their revised forms are included as Appendices B, E, F and G. A review of the remaining six tests was made. It was decided that further revision of these tests, most of which were similar in format to the tests already revised, should be postponed until more experience had been gained with the problems of developing a scoring system for the fully revised tests. Unfortunately the shortened time schedule of the project prevented further revisions of the remaining tests.

2. Acquisition of New Test Data.

The tests were to be administered in their varied forms to the following groups:

- a. Beginning junior students, N = 90
- b. Senior medical students, N = 90
- c. Resident physicians in obstetrics and gynecology, N = 15
- d. Resident physicians in specialties other than obstetrics and gynecology, N = 10
- e. Specialists in gynecology, preferably diplomates of the American Board of Obstetrics and Gynecology, N =-10

The list of students to whom the tests had been administered by the end of the project is given in Table III on page 20.

TABLE III

LIST OF STUDENTS ADMINISTERED CLINICAL PROBLEM SOLVING TESTS

Medical College of Georgia	Pre-Test	Post-Test
10/3/65 3rd year - A' 11/8/65 3rd year - A	22	22
11/29/65 3rd year - <u>A</u>	22 [,]	J
1/17/66 3rd year - A	,	22
2/7/66 3rd year - A	24	¥.
3/14/66 3rd year - <u>A</u>	· ,*	24
4/11/66 3rd year - A	24	• • • • • • •
5/16/66 3rd year - <u>A</u>		24 32
5/23/66 4th year - A	•	30 30
5/23/66 4th year - A'		30
5/23/65 4th year - <u>A</u>		92×
5/24/66 3rd year - A'		24
11/1/66 3rd year - A' (12), <u>A</u> (12)		-22
1/16/67 3rd year - A' (11), <u>A</u> (11)		24
3/17/67 3rd year - A' (12), <u>A</u> (12)	~	24
5/12/67 3rd year - A' (12), <u>A</u> (12)		93
5/22/67 3rd year - A	· · · · · · · · · · · · · · · · · · ·	90
5/23/67 4th year - A		

State University of Iowa	Pre-Test	Post-rest
3/31/66 3rd year - <u>A</u>		10
· · · · · · · · · · · · · · · · · · ·		10
5/2/66 3rd year - A		· 11
6/2/66 3rd year - <u>A</u> 7/11/66 3rd year - <u>A</u>	•	· 13
	·	• • •

University of Vermont	Pre-Test	Post-Test		
5/16/66 3rd year - <u>A</u>	· ·	· 42 ·		

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B. Development of Scoring.

1. Scoring Diagnostic Process.

Each item in the Diagnostic Process section (history, physical and diagnostic procedures) of each test was to be scored by five or more expert clinicians according to a schedule such as the following:

- L = Routine or survey item (probability of positive finding not increased)
- M = Indicated (probability of positive finding increased)
- N = Not indicated (harmless, but neither routine nor indicated)
- P = Contraindicated (unwarranted hazard or risk)

During the first year of the project this step was accomplished for tests A, A', and <u>A</u>. For these tests there were surprisingly few disagreements between the experts. Where disagreements persisted after the correction of typographical and other errors, they were retained as part of the record, but for the purpose of developing a trial scoring system, the remaining disagreements were temporarily resolved in favor of the majority opinion.

2. Scoring Diagnostic Product.

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From the answer sheets all the scoring patterns in the Diagnostic Product section of each test were printed out. For each test, each expert clinician was given a summary of all pertinent positive and negative findings and was asked to divide the scoring patterns for Diagnostic Product into categories such as the following:

- R = Correct primary diagnosis (most probable diagnosis which fits the data). Patterns which fall into this category were then to be ranked in order of the <u>completeness</u> of subsidiary or secondary diagnoses.
- S = Unlikely diagnosis (it fits the data, but is improbable statistically). Patterns in this category were also to be ranked in the order of <u>completeness</u> of subsidiary or secondary diagnoses.
- P = Partially correct diagnosis (it doesn't really fit the data but it is not hopelessly erroneous either).
- U = Wrong diagnosis (wholly unacceptable).

During the first year of the project it was soon discovered that the expert clinicians, in spite of having worked through a 40-frame linear text giving them practice in using the above defined categories precisely in their specific clinical applications, found themselves unable to do so. For the most part they rebelled in frustration. It was found that they had a preference for four categories:

A -	excellent	C	-	fair
в -	good	D	-	bad

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The "tubbing" boxes previously labeled R, S, P, and U were relabeled A, B, C, and D. This relieved the experts' frustration and permitted the collection of a large amount of data, none of which had been analyzed by the time the project was curtailed.

3. Scoring Therapeutic Product.

From the answer sheets all patterns used in recording Therapeutic Product on the answer sheets were printed out. The expert clinicians (previously briefed by the specially prepared programmed text and by summaries of the diagnosis and condition of each patient in each test) were asked to divide these patterns into categories such as the following:

A = Best management (the one recommended at this institution)

- B = Alternate correct management (often recommended at other reputable institutions)
- C = Acceptable management (may involve more risk or mutilation than necessary but is appropriate to the problem)
- D = Inadequate management (undertreatment with non-fatal consequences)
- E = Inappropriate management (involves grave unnecessary risks or major unnecessary mutilation)
- F = Fatal mismanagement (whether by errors of omission or of commission)
- X = Unable to classify

Once again the experts rebelled. The number of categories was reduced from six to four and the sorting boxes were relabeled using A, B, C, and D to mean excellent, good, fair, and bad. During the first year of the project a large amount of data was collected, none of which had been analyzed at the time the project ended.

C. Development of Weights.

1. Trial Weights.

After all items and/or all scoring patterns in the tests had been categorized by the expert clinicians, there were to be developed, with the consultation of these experts, a trial system of weighting the categories of items and scoring patterns. Unfortunately, due to the shortened time schedule, the trial weighting system was developed only for Diagnostic Process, not for Diagnostic Product or Therapeutic Product. The weighting system and the data obtained from scoring the tests using this system are included in this report as Appendices J, K and L. Unfortunately, because of the shortened time schedule, these data have not been analyzed.

2. Revision of Weights.

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All the tests administered to the various population samples using -

the trial system of weights were to be scored using the computer processing. With the advice and consent of the subject-matter experts, various experimental adjustments were to be made in the weightings and the tests were to be rescored as necessary so that the scoring system made the greatest distinctions possible in the performance of the various population samples so that the expert performances received expert scores and the less expert performances received appropriately lesser scores. Unfortunately, this portion of the project could not be completed because of the shortened time schedule.

D. Statistical Methodology.

1. Objectives.

The statistical treatment in this project had the following purposes:

- a. Identification of the portions of problem-solving tests which best discriminate different degrees of expertness in clinical problem-solving.
- b. Substantiation of the validity and the reliability of the tests, in whole or in part, in measuring relative degrees of skill in clinical problem solving.

2. Assumptions.

- a. It was assumed that groups of junior medical students, resident physicians in training, and fully trained expert clinicians represent, in ascending order, different degrees of skill in clinical problem solving.
- b. If groups of junior medical students, resident physicians in training and fully trained expert clinicians are chosen in such a way that the scores of each group on a comprehensive multiplechoice test in obstetrics and gynecology, such as the examination of the National Board of Medical Examiners, Part II, reveal no difference between the groups, nevertheless, a difference between the groups in clinical problem-solving skills still exists.
- c. If the statistical treatment of data from tests designed specifically to measure clinical problem-solving skills brings out differences in performance between groups of junior medical students, of resident physicians in training, and of fully trained expert clinicians which are not brought out by data from conventional multiple-choice testing, it is assumed that the differences represent, at least in part, differences in skills in clinical problem-solving.

3. Procedures.

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a. <u>Selection of Comparable Groups</u>. A comprehensive examination in Obstetrics and Gynecology of the National Board of Medical Examiners, Part II, was to be administered to all medical students, resident physicians in training, and fully trained expert clinicians

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participating in the testing program. The range of scores for fully trained expert clinicians and for resident physicians in training was to be determined. From the medical student sample, a sub-group was to be selected whose mean score and SD was similar to or fell between that of the resident physicians and that of the fully trained expert clinicians. The clinical problem-solving test scores for this sub-group of medical students, the resident physicians, and the expert clinicians was to be subjected to further statistical treatment. Each participant in the testing program was to have taken as many as nine clinical problem-solving tests each of which was to have been scored for Diagnostic Process, Diagnostic Product, and Therapeutic Product. For each participant in the project, therefore, there was to be a maximum of 27 subscores in clinical problem solving for statistical treatment. - FRANKER BERNE

b. <u>Treatments</u>. The 27 sub-scores from the three study samples (sub-group of medical students, residents, expert clinicians) were to be subjected to the following statistical treatments:

> i. "t" test. ii. F test. iii. "p" test.

4. Accomplishments in First Year.

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Unfortunately the shortened time schedule prevented carrying out any of the statistical treatments prior to the termination of the project.

III. RESULTS AND CONCLUSIONS

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The unanalyzed data available at the conclusion of the first year of the project on October 31, 1967, are given in Appendix L and the three supplements. Visual inspection of these data indicates that medical students during their clinical years rapidly improve their skills of inquiry but improvement in skills of problem resolution (therapy) are less easily recognized. Unfortunately, analysis and statistical treatment, scheduled for the second year of the project, had to be halted.

If the raw data generated in this project at the time of its conclusion is inspected (or weighed), it may be concluded that there is a large amount of information awaiting detailed examination and statistical analysis. This seems to be the one inescapable conclusion of this project. Sufficient information is included with this report to permit replication and completion of the project should funds and personnel become available.

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APPENDIX A

DESCRIPTIVE CATALOG OF PROBLEM-SOLVING TESTS

I. EIGHT TESTS EMPHASIZING DIAGNOSTIC SKILLS

1. Test A.

Presenting Problem: Post-menopausal vaginal bleeding

Diagnostic Process: relevant information concealed by tab-item format in

> 23 History Items: diabetes, high blood pressure, past history of syphilis, previous breast surgery for cancer.

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40 Physical Examination Items: Surgical absence of breast, ulcerative lesion of vagina.

33 Diagnostic Tests and Procedures: biopsy of vaginal lesion, adenocarcinoma; x-ray, evidence of wide-spread metastatic disease.

Diagnosis: several appropriate choices in 50 options mi several appropriate choices in 44 options Therapy: several appropriate choices in 44 options

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2. Test A'

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uligation **Diagnostic Process:** And the optimized of the state of the second state of

relevant information concealed by tab-item format in:

23 History Items: diabetes, obesity

40 Physical Examination Items: obesity and 193

33 Diagnostic Tests and Procedures: Vaginal cytology: suspicious Fractional D&C, endocervix: adenocarcinoma endometrium: estrogenic hyperplasia

Diagnosis: two options, including several appropriate choices

Therapy: 44 options, including several appropriate choices

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3. Test A

> Fresenting Problem: Same as A

Diagnostic Process:

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relevant information concea	aled by	tab-item	format	in:	OFSEL LANTS	• .*.
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23 History Items: Same as A'

40 Physical Examination Items: Same as A' Constants

- 33 Diagnostic Tests and Procedures: Vaginal cytology: negative Fractional D&C, endocervix: endocervical tissue endometrium: adenoacanthoma
- Diagnosis: several appropriate choices in 50 options a the second . . Therapy: several appropriate choices in 44 options

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Test C

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Presenting Problem: Abdominal pain and distention

Diagnostic Process:

シャット・ション キー・ジャル 振び relevant information concealed by tab-item format in:

- 23 History Items: non-contributory information in 23 categories 'a star
 - 40 Physical Examination Items: findings suggestive of pelvic mass and ascites
 - 37 Diagnostic Tests and Procedures: peritoneal fluid, cytologic changes suggestive of malignancy

Diagnosis: several appropriate choices in 38 options

Therapy: one appropriate sequenced treatment pattern included in 50 options: the second sec

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5. Test D

Presenting Problem: Sudden onset of pain in right lower quadrant Diagnostic Process:

relevant information concealed by tab-item format in

23 History Items: symptoms suggestive of acute appendicitis

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- 40 Physical Examination Items: findings suggestive of acute surgical abdomen with right lower quadrant pelvic mass
- 36 Diagnostic Tests and Procedure Items: Sample of peritoneal fluid, evidence of intraperitoneal bleeding

Diagnosis: 8 options offered must be ranked in order of probability.

Therapy: One appropriate and several inappropriate options favored.

6. Test D'

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Presenting Problem: Sudden onset of pain in right lower quadrant

Diagnostic Process:

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relevant information concealed by tab-item format in the

23 History Options: minor alterations from D not affecting diagnostic problem · · · · · · ·

40 Physical Examination Options: minor alterations from D not affecting diagnostic problem المؤهد من المراجع المراجع المواجع المواجع

36 Diagnostic Tests and Procedure Options: several alterations from D suggesting infectious process; sample of peritoneal fluid, pus

Diagnosis: 8 options offered must be ranked in order of probability

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Therapy: One appropriate and several inappropriate options offered.

7. Test E

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Presenting Problem: Routine pre-employment physical

Diagnostic Process:

revelant information concealed by tab-item format in

- 23 History Options: previous occupation, prostitute
- 40 Physical Examination Options: small ulcer on vulva

33 Diagnostic Tests and Procedure Items: VDRL, reactive, titer 1:64; Darkfield Examination of lymph from ulcer; negative for spirochetes Biopsy of ulcer: invasive squamous cell carcinoma

Diagnosis: 37 options offered, 3 correct ones must be chosen

Therapy: Any of several patterns in 33 options

8. Test, E' and a second for the second seco

Presenting Problem: Same as E Diagnostic Process: relevant information concealed by tab-item format in 23 History Options: minor changes from E, not of diagnostic

40 Physical Examination Options: changes from E not of

diagnostic significance a server or server of

36 Diagnostic Tests and Procedure Options: VDRL, non-reactive Darkfield examination, negative; Smear of Lesion: positive for Donovan bodies Biopsy of ulcer: granulomatous lesion

Diagnosis: of 37 options, one is correctly the states of the second

Therapy: 33 options offered, several are acceptable.

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TEST EMPHASIZING THERAPEUTIC SKILL

The following test was primarily designed to measure skill in management of a previously defined (diagnosed) clinical problem:

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Test B, First Part of Test.

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Presenting Problem: 30-year-old primigravida at 26 weeks gestation requiring prenatal care.

Diagnostic Process:

relevant information concealed by abbreviated (8 option) diagnostic workup; suspicious vaginal cytology.

Management Options Offered:

and the second Wait till patient's next visit for routine antepartal care and inform her that the reports were satisfactory.

Call the patient back to your office, inform her of the results and call the patient back to your office, inform her of the results and

perform a Schiller test and obtain cervical punch biopsies from se any non-staining areas a group of the second states of the second sta

Admit the patient to the hospital for cervical conization and endocervical curettage.

Empty the uterus by hysterotomy and refer patient to a radiologist 10 115 In C P for therapy.

Call in a cancer specialist to handle the problem. None of the above options and the second states of the second

The student is then given appropriate information, leading him to further management options.

The student is then asked to consider in sequence each of the following diagnoses:

- a. Cervix showing decidual reaction compatible with pregnancy. Endocervical tissue showing squamous metaplasia with minimal
- b. Atypical squamous cell metaplasia (dysplasia of cervix and endocervix) the second seco
- 11 T 10550 Y 11 c. Cervix with intraepithelial (pre-invasive) squamous cell carcinoma of the cervix with invasion of endocervical glands. 医小疗法疗性病 经财富额的产生率
- Invasive squamous cell carcinoma of the cervix extending to the d. margins of the specimen submitted, disease staged clinically as Ia.

and the second comparison of the second second and For these diagnoses, he is asked to consider his management if the diagnosis were made on the basis of a specimen obtained either by a set

> and the starting sets and being -12 经济上诉 医白色病 医下颌上颌 化硫酸铵 建树树枝 医肠端盘 men i stange has med dag off volag :

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1. cervical punch biopsy, or by

2. conization and endocervical curéttage.

and for each, to make the best choice from the following options: and the state of the state of the state

Perform a cone biopsy of the cervix and curet the endocervix in the third trimester of the pregnancy.

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Deliver vaginally at term, re-evaluate the cervix postpartum. Deliver by Caesarean section at term, then start definitive a satisfies the state of the same

rtreatment of cervical lesion. Let pregnancy continue to term, then deliver by Caesarean

hysterectomy.

Interrupt pregnancy by hysterotomy, then treat the cervical lesion by appropriate surgery.

Interrupt pregnancy by hysterotomy, then treat the cervical lesion with a full course of x-ray therapy and intracavitary radium.

Ignore the pregnancy, perform a radical hysterectomy with pelvic lymphadenectomy as soon as possible.

Ignore the pregnancy, treat the patient with a full course of intracavitary radium and external x-ray therapy.

Let pregnancy continue to fetal viability, deliver the fetus by Gaesarean section, then treat the cervical lesion by appropriate ۰. appending to the state . <u>t</u> 1

therapy. met pregnancy continue to fetal viability, then induce labor, deliver

infant vaginally and treat cervical lesion with radiation therapy. Refer the patient to a specialist in oncology or radiology for further and the second care.

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Presenting Problem: Patient at 6 weeks postpartum requiring further

management. Student is required to consider each of the following diagnoses in 建了 达 的复数无指数 法结 • • •

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- 1. Pre-invasive squamous cell carcinoma of the cervix, established by cone biopsy in mid-pregnancy.
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- 2. Pre-invasive squamous cell carcinoma of the cervix, established by conization and fractional D&C at six weeks postpartum.
- 3. Invasive squamous cell carcinoma of the cervix extending to the margins of biopsy specimen submitted (cone or punch); disease staged clinically as Stage Ia.

For each of these, the student is asked to select appropriate therapy from the following options:

-ot (Perform as fractional D&C and conization: of the cervix a start to

. As a Perform astotal hysterectomy and the second state of the second

Perform a radical hysterectomy with pelvic lymph node dissection

Irradiate the patient using internal radium sources and external x-ray to give a total dosage of 16,000r at Point A and 8,000r at Point B in 6 weeks Irradiate the patient using external x-ray and internal radium sources to give a total dosage of 8,000r at Point A and 6,000r at Point B in 6 weeks Refer the patient to a specialist for further care.

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APPENDIX B

SAMPLE TEST A (1964 & 1965)

PAGE

B	1	1964 Edition.	This is	the first	37
		of this test.			

B - 2 1965 Edition. This is the second 61 of this test. There were two more 1965 editions (9/28/65 and 12/6/65) before the 1967 edition. These other 1965 editions had minor changes and are not included here.

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APPENDIX B - 1

PAGE 1

TEST A - 1964 EDITION

CLINICAL PROBLEM SOLVING TEST

DIRECTIONS

This "clinical problem solving test" consists of a case presentation in a format which is designed to test your ability and judgement in the diagnosis and treatment of the patient's disorder.

In the test booklet, the left-hand, even-numbered pages are "information" pages. Each "information" page consists of a list of conflicting statements about the patient, or directions to you, numbered in straight numerical order. Some items in the list are directly applicable to your management of this patient; others are wholly irrelevant. You must turn to the "question" pages to learn which are which.

The right-hand, odd-numbered pages in the test booklet are "question" pages. Each "question" page consists of a statement about the patient or directions to you, and is followed by a list of multiple choice items from which you are to make a selection (sometimes just one, sometimes many items). Each multiple choice item on each "question" page of the test booklet has a code letter following it. On the answer sheet, there is a corresponding column of letters. To the right of each letter on the answer sheet there is an eraseable area concealing the number of the appropriate statement or direction on the corresponding "information" rage.

To proceed with this test, make your selection (or selections) from the multiple choice items on the "question" page, erase the proper spots on the answer page, read the items with the corresponding code numbers on the information page and be guided by the information you are given.

In the gathering of information about your patient, you may choose AS MANY items as you think you need to manage the case. There is NO PENALTY for seeking apparently unnecessary or irrelevant information unless the patient's welfare is unnecessarily jeopardized in the process.

The case presentation begins on PAGE 3. Do not begin until you are told to do so

Prepared by: P. L. Wilds, M.D. & Virginia Zachert, Ph.D. Department of Obstetrics & Gynecology Medical College of Georgia Augusta, Georgia

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PROBLEM : A - PAGE 2

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40.	Turn	to	PAGE	7
41.	Turn	to	PAGE	13
42.	Turn	to	PAGE	13
43.	Turn	to	PAGE	17
44.	Turn	to	PAGE	9
45.	Turn	to	PAGE	15
46.	Turn	to	PAGE	5
47.	Turn	to	PAGE	11
48.	Turn	to	PAGE	19
49.	Turn	to	PAGE	7
50.	Turn	to	PAGE	21
51.	Turn	to	PAGE	5
52.	Turn	to	PAGE	13

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PROBLEM A

CASE PRESENTATION

A fifty year old woman comes to your office with a complaint of intermittent vaginal bleeding of six weeks' duration. She adds that this is the first vaginal bleeding she has noted since her menopause two years ago at age 48.

The further management of this patient including all steps necessary for diagnosis and treatment is your responsibility.

From the list below, select the ONE step which seems to you to be most appropriate.

On the answer sheet, make your selection from COLUM	N 10
Obtain more history	R
Perform a general physical examination (including pelvic)	S
Obtain or perform diagnostic studies and procedures (including Pap smear)_	T
Do a pelvic examination (only)	<u> </u>
Obtain a Papanicolaou Smear (only)	<u> </u>
Perform a fractional dilatation and curettage	Ŵ
Perform a fractional D&C and biopsy (cone) the cervix	X

- 41

PROBLEM A - PAGE 4

INFORMATION AND DIRECTORY

1. Chronic alcoholic 2. Living and well 3. None -4. Has apartment in own house 5. Uses Ex-lax occasionally 6. Always "nervous" 7. Turn to PAGE 13 8. Frequent backaches 9. Periods 12x30x5 were prolonged and irregular for 3 years before menopause. at 48. 10. Appendectomy at 23, left mastectomy at age 40 - 4Turn to PAGE 5 11. 12; rectotaler; on 1800 cal. dict 13. Wears glasses for reading 14. Asymptomatic 15. Had cancer of (?) at age 46. She and husband are separated. 16. Takes 1 gm. Tolbutamide daily. 17. None 18. High school 19. Turn to PAGE 15 20. None 21. Høsn't felt well for years. 22. None 23. Turn to PAGE 7 Occasional frequency, no dysuria 24. 25. None Turn to PAGE 19 26. Diabetes 10 years duration; syphilis 15 years ago, adequately treated. 27. Breast cancer 8 years ago, treated by surgery. 28. No information available 29. All in Europe 30. Has diabetes & high blood pressure. 31. Runs boarding house 32. No recent change 33. Spouse died 4 years ago of Tbc. 34. None 35. Turn to PAGE 9 Regular & satisfactory (friend rents room from her) but has had post-coita 36. bleeding for 6 weeks. 37. Severe Turn to PAGE 21. 38. 39. None Sometimes has palpitations 40. 41. Turn to PAGE 11 42. Died of cancer of the womb. 43. Turn to PAGE 17. 44. Still bleeding Suffers from hemorrhoids 45. None noted 66. Turn to PAGE 11 47. You can't get here from there 48. Living and well 49. Turn to PAGE 19 50. Regular all her life, LMP 3 years ago, no bleeding since then 51. Frequent, sevère 52.

ERIC PHILITENE PROVIDENCE

MORE HISTORY

You may assume that the Chief Complaint and Present Illness as given are complete and correct. For additional information please select AS MANY of the items below as interest you, erase the code numbers of these items in the proper column of the answer sheet, then find the information with the corresponding code numbers on PAGE 4.

Past Medical History	Illnesses
	Injuries
	Operations
	Pregnancies
Family History	Father
	Mother
	Siblings
	Others
Social History	Schooling
- -	Cccupation
	Home Environment
x	Marital Situation
	Sex life
۱.	Habits
	Drugs & medicines
System Review	General (wgt., fever., weakness, etc)
	HEENT
	CVR
	GI
	GU
-	GYN
	NP
	Musculoskeletal
	and the second
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	an a

When you have completed your history-taking, select from the list below the ONE step which seems to you to be most appropriate.

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On the answer sheet, make your selection from CGLUMN 10	
Your diagnostic opinion	ĮP.
Your plan of treatment	<u>kQ</u>
Obtain more history	₽R
Perform a general physical examination	§S.
Obtain or perform diagnostic studies and procedures	ĻΤ
Pelvic examination(only)	<u></u> U U
Pap smear (only)	٧ ب
Fractional D&C	<u>}</u>
Fractional D&C + Conization of the Cervix	ξX.

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PROBLEM A - PAGE 6

INFORMATION AND DIRECTORY 1. Turn to PAGE 11 2. None palpable 3. 5^s6", 170 lbs. 4. Well formed, left mastectomy scar. • 5. Not enlarged 6. Not enlarged Turn to PAGE 13 8. Intact .9. Atrophic . . . 10. Grade II changes, capillary microaneurisms. 11. Turn to PAGE 5 12. No abnormalities noted a mer protest i e Supple 14. Turn to PAGE 19 - 15, 37°, 80, 18, 180/112 16. Obese 17. Not felt -18. - Moist. 19. Turn to PAGE 15 20. Normal 21. Not palpable -22. Unremarkable 23, Turn to PAGE 7 24. Undistended -25. Physiologic 26. Turn to PAGE 19 27. Well-formed 28. Well-formed 29. Well developed, mod, obese W.F. 30. Unobstructed 31. Not enlarged 32. Nothing abnormal 33. Old mastectomy scar on left: right negative. No nodes -34. 1 cm. ulcer on left lateral wall (middle 1/3) 35. Turn to PAGE 9 36. Normal size no murmurs 37. Within normal limits Turn to PAGE 21 38. .39. Left drum perforated 40. Mid line 41. Not noted Intact 42. Turn to PAGE 17 43. No abnormalities noted. 44. No abnormalitics felt. .45. Atrophic 46. Turn to PAGE 11. 47. Abnormality found, see other items. 48. Not enlarged, mid-position. 49. Not noted 50. Turn to PAGE 9 51. All present and equal. 52. •• •

- 44

PROBLEM A

ERIC

GENERAL PHYSICAL EXAMINATION

Please select as many of the items below as you wish to examine. In the proper column of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on Page 5.

PAGE 7

On the Your diagnostic opin Your plan of treatme Obtain more history Perform a general ph Obtain or perform di Pelvic examination (Pap smear (only) Fractional D&C	nt ysical examination agnostic studies and	Sphincter Masses Back Extremitie Pulses DTRS Neurologic our selectio	s al n from <u>COLUM</u> !	10
On the Your diagnostic opin Your plan of treatme Obtain more history Perform a general ph Obtain or perform di Pelvic examination (Pap smear (only)	ion nt ysical examination agnostic studies and	Sphincter Masses Back Extremitie Pulses DTRS Neurologic our selectio	s al n from <u>COLUM</u> !	
On the Your diagnostic opin Your plan of treatme Obtain more history Perform a general ph Obtain or perform di Pelvic examination (ion nt ysical examination agnostic studies and	Sphincter Masses Back Extremitie Pulses DTRS Neurologic our selectio	s al n from <u>COLUM</u> !	
On the Your diagnostic opin Your plan of treatme Obtain more history Perform a general ph Obtain or perform di	ion nt ysical examination agnostic studies and	Sphincter Masses Back Extremitie Pulses DTRS Neurologic our selectio	s al n from <u>COLUM</u> !	
On the Your diagnostic opin Your plan of treatme Obtain more history Perform a general ph	ion	Sphincter Masses Back Extremitie Pulses DTRS Neurologic our selectio	s al n from <u>COLUM</u> !	
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PROBLEM A - PAGE 8

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1	- 1 ·	Turn to PAGE 21		1.000
2	•	40% excretion in 15 minutes	e i se an este	Ę.
		Non-reactive		_
		Negative	•	
_	•	Negative		. 📓
· 6		Adenočarcinoma, međullary type		•
		Turn to PAGE 13		
8		No abnormalities		
9		Chronic cervicitis		•
10	• •	Na 140, K 3.8, Cl 98, CO ₂ 25	• *	R
11		Turn to PAGE 5		
12	· · ·	Report not available	-	نشكا
. 13	.	Negative		50
- 14		Class IV (positive) malignant cells present.		
15	; •	Class II, estrogen effect	· · ·	Res and a second
:	5.	No abnormalities	•	
	1-2-	Negative		
18	3.	Hct. 36, WBC 8,000, differential normal		
19		Turn to PAGE 15		1 1.5 1_1
. 20);;;	Less than 6% retention		1
		Normal tracing		
· · ·		180 rug%	1	
				ive
- 24	frank starter	Specific gravity 1.010, pH 5.8 glucose 27, acel	one negative, arbumin poor	
	مر مع مربو ار مع م	microscopic: occasional WBC	• *	
		Specimen hemolysed		
:::26	6	Turn to PAGE 19		
27	7	Report not available		
28	8.	Negative		- 7
	9.	Report not available		
3. 30	0.	Negative		E
		4 Bodansky units/100 ml.	ž ₄	. (21)
		Negative	•	ě
ં 3	3.	Negative 140	,	
: : : : : 3 !	4:	F 100, 1 hr. 220, 2 hr. 190, 3 hr. 140	•	. C.
			orh lund fields, minimal	
3	6.	Turn to PAGE 9 Scattered spherical ("snowball") densities in b		
*- •1		cardiac enlargement	· · ·	٩
·^ · · · · · · · · · · · · · · · · · ·	17.	Adeno-acanthoma of endometrium		
		Turn to PAGE 21		
· · · 3	19.	10 mgm %		
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4	1.	Not done		
-4	i 2.	Not available		
4	43.		* <u>.</u> .	ئيا ا
- 4	44.	Negative	• . 	ø
		Negative film, Heart normal size.	• •	
	46.	Left ventricular hypertrophy	•	. 6
	47.			
-1	10	Negative		
	48.		•	
· · · 4	48. 49.	Specimen lost		E.
4	49.	Specimen lost	chest film.	6
4	49.	Specimen lost	chest film.	6

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DIAGNOSTIC STUDIES AND FROCEDURES

Please select AS MANY of the items below as you think might be helpful, then in the proper column of the answer sheet, erase the code numbers of these items and look up the results with corresponding code numbers on PAGE 8.

· •	
On the ans	swer sheet, make your selection from COLUMN
Chemistries	Alk, Phosphatase
(Blood, serum)	Bilirubin, direct, indirect
(Brood, Serom)	Glucose, 2 hr., postprandial
	Electrolytes, Na, K, Cl,
	Diecceory cong they tes day
	Vecu neugon (vous
Clinical &	Bedde tot Skools
cyto-pathology	Vaginal Fap smear
serology	VDRL [] h
Hematology	Blood Group & Rh
	CBC
Urine tests	Urinalysis, complete
X-rays	Abdomen H1
A=rays	Barium enema
· · · ·	
• • •	
	GI series P
•	Pelvis
	Pyelogram (IVP)
• • •	Skull , Skull , Skull
· · · · · · · · · · · · · · · · · · ·	Spine
Procedures &	BSP
	Biopsy Cervix
Surg. Pathology	Biopsy vaginal ulcer
	Glucose tolerance test
	Electrocardiogram
· .	Frei test
	Examination under anesthesia
	PPD
	Proctosigmoidoscopy
.	2SP
	Smears for Donovan bodies
•	Smears for H. Ducreyi
	11 - A Tint
Arter you have completed your stu	dies and procedures, select from the list
below the UNE step which seems to	you to be most appropriate.
• • • •	
· · ·	
	wer sheet, make your selection from COLUMN 10
Your diagnostic opinio	nP
Your plan of treatment	Q
Obtain more history	R
Perform a general phys	ical examination
Obtain or perform diag	nostic studies and procedures
Pelvic examination (on	
reivic examination (on	+JJ
rap smear (only)	
Fractional D&C	
Fractional D&C + Coniz	ation of the CervixX
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PAGE 9

PROBLEM A - PAGE 10, 12 •

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-	Turn to PAGE 9	• •		· · · ·
5.	Normal			
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	Turn to PAGE 21	•		
8.	Turn to PAGE 11		•••	
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	Turn to PAGE 9	• • •		
	Turn to PAGE 21	,		
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-	Turn to PAGE 7	~		· · ·
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	Turn to PAGE 17	· · · ·		• •
17.	Turn to PAGE 13	•		
18.	Turn to PAGE 7		· , , -	·**
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	Turn to PAGE 11	, *		-
•	Atrophic	· · · · · ·	•	· · · ·
	Turn to PAGE 5	``	•	
99	Replaced by crater	like nh	ce r	
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	Turn to PAGE 23		and the second	· · · · · · · · · · · · · · · · · · ·
	Atrophic	د الاین مربعہ المحمد		the set
26.	Turn to PAGE 15			
27.	Turn to PAGE 19			
	Turn to PAGE 19			
29	Turn to PAGE 5			
. 30.	Turn to PAGE 19	بالمريد المعالية الم		
31	Turn to PAGE 17	· · · · · · · · · ·	•	
	Class TV (positive	e) malign	ant cells present	
	Turn to PAGE 19	1.S		
24	Turn to PAGE 15	·· · · · · · · · · · · · · · · · · · ·	·	
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,30,	Turn to PAGE 19	154 1		
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38	. Turn to PAGE 17		•	
* 39	. Turn to PAGE 5	12 · · · · ·		· 二部堂 等於意識
40	. Soft, 2 x normal	size 👝 🖯	and the second	i die weinen
41	. Turn to PAGE 17		•	
	. Not palpable		· · ·	· _ · _ ·
	. Turn to PAGE 7	*	2	
	Turn to PAGE 9		· .	• • • • •
44	Small	· · · ·	· · · · · · · · · · · · · · · · · · ·	
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	Turn to PAGE 21		•	<i>1</i> ,
	. Turn to PAGE 19	· ·		'ş
48	. Turn to PAGE 19		at Jath Johanat	1
49	. 1 cm. ulcer in mi	ddle 1/3	of left lateral wal	L
× 50	. Turnato PAGE 21			
51	Turn to PAGE 9			••
52	. Class II (negativ	e), estra	ogen effect.	
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PROBLEM A

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External genitalia

SUB Glands

Adnexa

Vagina

Cervix

Uterus

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COLUMN

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DO A PELVIC EXAMINATION

Please select AS MANY of the items below as you wish to examine. In the propercolumn of the answer sheet, erase the code numbers of these items and look up the findings with the corresponding code numbers on PAGE 10.

ination, from the list below, choose the ONE step which seems to you to be On the answer sheet, make your selection from COLUMN most appropriate.

After you have completed your exam-

ERIC

Your diagnostic opinion . . . Your plan of treatment Obtain more history , 1 ° ° Perform a general physical examination Obtain or perform diagnostic studies and procedures Pelvic examination(only)_ Pap smear (only) Fractional DC:C Fractional D&C and Conization of the cerivx

On the answer sheet, make your erasures in

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ERIC THE REAL PROFESSION INFORMATION AND DIRECTORY

1. Turn to PAGE 11		
2. Turn to PAGE 3		
3. Turn to PAGE 5	4)-+ }ss	· •
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5. Normal		•
6. Turn to PAGE 13		na se ser 🕄
7. Turn to PAGE 21	· · · · · · · · · · · · · · · · · · ·	the for a contract
8. <u>Turn to PAGE 11</u>		
9. Turn to PAGE 9	,	••
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11. Turn to PAGE 9		
12. Turn to PAGE 21	,	
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15. Turn to PAGE 13		•
16. Turn to PAGE 17		
17. Turn to PAGE 13		、 <i>·</i>
18. Turn to PAGE 7		с
19. Turn to PAGE 5		. ,
20. Turn to PAGE 11	· · ·	
21. Atrophic		
22. Turn to PAGE 5		
23. Replaced by crater-like	ulcer	
24. Turn to PAGE 23		
25. Atrophic		
26. Turn to PAGE 15	· · · · · · · · · · · · · · · · · · ·	
27. Turn to PAGE 19		
28. Turn to PAGE 19	-	
29. Turn to PAGE 5		· ,
30. Turn to PAGE 19	· .	۰ ۱
31. Turn to PAGE 17		
32. Class IV (positive) mal	ignant cells present	
33. Turn to PAGE 19		· ·
34. Turn to PAGE 15		• • •
35. Turn to PAGE 19		
36. Turn to PAGE 15	٤ ،	· '
37. Not enlarged		· · · ·
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40. Soft, 2 x normal size		
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42. Not palpable	and the first part and the	
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45. Small	· 2 1.5	
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47. Turn to PAGE 19	· .	r
47. Juin to DACE 19		
48. <u>Turn to PAGE 19</u> 49. 1 cm. ulcer in middle 1	13 of left lateral wall	
47. I CHI. UICEL IN MIGULE I EO Tumo to DACE 91		
50. Turn to PAGE 21		• •.
51. <u>Turn to PAGE 9</u> 52, Class II (negative), es	trogen effect.	
Dr. crass it (megacine), es		
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PROBLEM A

OBTAIN A PAPANICOLAOU SMEAR

To obtain your report, make an erasure in COLUMN

Cytologist's Report

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Your next step in management would be which of the following? From the list below, choose the ONE step which seems to you to be most appropriate

7	On the answer sheet, make your selection in COLUM		g	3
		1	Ť	ŝ
	Your diagnostic opinion	H		,
ı	Your plan of treatment		Ý	ł
	Obtain more history		R	Ľ
	Perform a general physical examination		S	;
	Obtain or perform diagnostic studies and procedures	Ĩ	T	1
	Pelvic examination (only)	Î	โบ	ţ
		ti	Ĩv	7
	Pap smear (only)	+		•
	Fractional D&C	1	. W	ł
	Fractional D&C + Conization of the Cervix	1	X	
		11		

INFORMATION AND

DIRECTORY .

1. Turn to PAGE 22

新空汇業

2. Squamous cell carcinoma of cervix

Turn to PAGE 22 3. Turn to PAGE 22 4. Turn to PAGE 54 : Turn to PAGE б. Turn to PAGE 7. Turn to PAGE 22 8. Turn to PAGE 22 9. 10。 Turn to PAGE 11. Turn to PAGE 22 Turn to PAGE 12. Turn to PAGE 13. 14. Turn to PAGE 22 15. Turn to PAGE Turn to PAGE 16. Turn to PAGE 17. Turn to PAGE 22

18. Turn to PAGE 22
 19. Turn to PAGE 22
 20. Turn to FAGE 3
 21. Turn to PAGE 3
 22. Turn to PAGE 22
 23. Turn to PAGE 22
 24. Turn to PAGE 3

25. Adenocarcinoma of endometrium 26. Turn to PAGE 22

3

- 27. <u>Turn to PAGE 22</u> 28. Endocervical tissue
- 20. Endocervical tissu 29. Turn to PAGE 3

30. Turn to PAGE

31.Turn to PAGE 332.Turn to PAGE 2233.Turn to PAGE 3

34. Turn to PAGE 22
35. Turn to PAGE 22
36. Turn to PAGE 22
37. Adenocarcinoma of endocervix
38. Turn to PAGE 22

39. Turn to PAGE 3
40. Turn to PAGE 3
41. Turn to PAGE 22
42. No tissue obtained
43. Turn to PAGE 3
44. Chronic cervicitis with squamous metaplasia
45. Adeno-acanthoma

46.Turn to PAGE 2247.Turn to PAGE 348.Turn to PAGE 22

- 49. Atrophic endometrium
- 50. <u>Turn to PAGE 3</u> 51. <u>Turn to PAGE 22</u>
- 52. Estrogenic hyperplasia of the endometrium

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PROBLEM A

PERFORM A FRACTIONAL D&C

To obtain your pathology reports, erase the code numbers of the following items in the proper column of the answer sheet, and look up the results with the same code numbers on PAGE 14.

On the answer sheet, make your sclection from COLUMN 10.

Endocervical scrapings______

From the list below, choose the ONE step which seems to be most appropriate.

On the answer sheet, make your selection from COLUMN	5	Ŧ
Observe for further bleeding	H	t. r
Perform a total hysterectomy		r R
The moutoning wadium therapy with total hysterectomy & boy a mouth race		•
Perform a radical hysteractomy with bilateral salpingo-oophorectomy (BSO) and		1
removal of upper part of vagina	II	l
Perform a total vaginectomy Castrate the patient and radiate the involved areas	T	1
Institute progestational therapy		ŀ
Evaluate the patient's problem further		Ş
Avaluate the product o person and and and and and and and and and an		

- 53 -

PROBLEM A - PAGE 14 16 18 20

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	.		DIRECTORY		
1. 2.	Turn to PAGE Squamous cell	carcinoma of	cervix		
3. 4.	Turn to PAGE	22			
5. 6 · 7.	Turn to PAGE Turn to PAGE Turn to PAGE	333	2		• •
8. 9.	Turn to PAGE Turn to PAGE	22			•
10. 11.	Turn to PAGE Turn to PAGE	<u>3</u> 22		•	
12. 13.	Turn to PAGE Turn to PAGE	3			
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16. 17. 18.	Turn to PAGE Turn to PAGE Turn to PAGE	3			
19. 20.	Turn to PAGE Turn to PAGE	<u>22</u> <u>3</u>			
21. 22.	Turn to PAGE Turn to PAGE	<u>3</u> 22			
23. 24.	Turn to PAGE Turn to PAGE Adenocarcinon	3	rium		
25. 26. 27.	Turn to PAGE Turn to PAGE	22			
28. 29.	Endocervical Turn to PAGE	tissue <u>3</u>		,	
30. 31.	Turn to PAGE Turn to PAGE	3	. :'	•	
32. 33. 34.	Turn to PAGE Turn to PAGE Turn to PAGE		•		
35. 36.	Turn to PAGE Turn to PAGE	<u>22</u> 22			
37. 38.	Adenocarcinon Turn to PAGE	na of endocer 22	vix	· · · · /	
39. 40.	Turn to PAGE Turn to PAGE	3			
41. 42. 43.	Turn to PAGE	tained 3	•••••	•	
44.	Chronic cerv	icitis with	squamous metaplasia	1	,
46. 47.	Turn to PAGE Turn to PAGE	<u>22</u> <u>3</u>	· · · · ·		
48. 49.	Atrophic end	ometrium			•
50. 51. 52.	Turn to PAGE	22	f the endometrium		
<i>a</i> r 64 1		. •	- `54 -		

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PROBLEM A

PACE 17

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FRACTIONAL D&C AND CONE BIOPSY OF THE CERVIX

To obtain your pathology reports, erase the code numbers of the following items in the proper column of the answer sheet then look up your results on PAGE 16.

> On the answer sheet, make your erasures in <u>COLUMN 10.</u> Cone the cervix Endocervical scrapings Endometrial scrapings

From the list below, choose the UNE step which seems to you to be most appropriate!

On the answer sheet, make your selection in COLUIN 8.	
Observe for further bleeding	E F
Perform a total hysterectomy	ŀ₹Q
Intrauterine radium therapy with total hysterectomy and BSO a month later	R
Perform a radical hysterectomy with bilateral salpingo-oophorectomy (BSO) and removal of upper part of vagina	T
1 EL LOLIN A COCAL VAGINECCOMY	U
Anderand and buseden and successful and an and a second in	权 V
Institute progestational therapy	[! <u>!</u> !
Evaluate the patient's problem further	X

- 55 -

PROBLEM A - PAGE 14 16 18 20

INFORMATION AND DIRECTORY

Turn to PAGE 22 1.

. . .

Squamous cell carcinoma of cervix 2.

Turn to PAGE 22 3.

- Turn to PAGE 22 4.
- Turn to PAGE 5.
- Turn to PAGE 6.
- Turn to PAGE 7.
- Turn to PAGE 22 8.
- Turn to PAGE 22 9.
- Turn to PAGE 10。 3
- Turn to PAGE 11.
- 12. Turn to PAGE
- 13. Turn to PAGE 3
- Turn to PAGE 22 14.
- 15. Turn to PAGE
- Turn to PAGE 16. 3
- 17. Turn to PAGE 3
- 18. Turn to PAGE 22
- Turn to PAGE 22 19.
- 20. Turn to PAGE
- Turn to PAGE 21.
- 22. Turn to PAGE 22
- Turn to PAGE 22 23,
- Turn to PAGE 24. 3
- Adenocarcinoma of endometrium 25.
- 26. Turn to PAGE 22
- 27. Turn to PAGE 22
- 28. Endocervical tissue
- 29. Turn to PAGE 3
- 30. Turn to PAGE
- 31. . 3 Turn to PAGE
- 32. Turn to PAGE 22
- 33. Turn to PAGE 3
- 34. Turn to PAGE 22
- Turn to PAGE 22 35.
- Turn to PAGE 22 36.
- Adenocarcinoma of endocervix 37:
- Turn to PAGE 22 38.
- 39. Turn to PAGE - 3
- 40. Turn to PAGE
- Turn to PAGE 22 41.
- No tissue obtained. 42.
- Turn to PAGE 3 43.
- Chronic cervicitis with squamous metaplasia 44.
- 45. Adeno-acanthoma
- Turn to PAGE 22 46.
- Turn to PAGE 3 47. 48.
 - Turn to PAGE 22
- Atrophic endometrium 49.
- Turn to PAGE 3 50,
- 51. Turn to PAGE 22
- Estrogenic hyperplasia of the endometrium 52.

YOUR DIAGNOSIS

PROBLEM A

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1. Please write down your diagnosis in the space provided on the back of the answer sheet.

2. When you have done so, please select from the list below the ONE step which seems to you to be most appropriate.

On the answer sheet, make your selection from COLUM 18 HIP . Observe for further bleeding_ **I**Q Perform a total hysterectomy Intrauterine radium therapy with total hysterectomy and BSO a month later_ **I**IR Perform a radical hysterectomy with bilateral salpingo-oophorectomy (BSO) and T removal of upper part of vagina U Perform a total vaginectomy ₩!V Castrate the patient and radiate involved areas the HIN Institute progestational therapy_ **HIX** Evaluate the patient's problem further_ • :,

PROBLEM A - PAGE 14 16 18 20

INFORMATION AND DIRECTORY

Turn to PAGE 22 1. Squamous cell carcinoma of cervix 2. Turn to PAGE 22 3. Turn to PAGE 22 4. Turn to PAGE 5. Turn to PAGE 6. Turn to PAGE 7. 8. Turn to PAGE 22 Turn to PAGE 22 9. 10. Turn to PAGE 3 Turn to PAGE 22 11. Turn to PAGE 12. 13. Turn to PAGE Turn to PAGE 22 14. Turn to PACE 15. Turn to PAGE 16. 17. Turn to PAGE 18. Turn to PAGE 22 Turn to PAGE 22 19. Turn to PAGE 20. . 21。 Turn to PAGE - 3 Turn to PAGE 22 22. Turn to PAGE 22 23. Turn to PAGE 3 24. 25. Adenocarcinoma of endometrium Turn to PAGE 22 26. Turn to PAGE 22 27. 28. Endocervical tissue 29. Turn to PAGE 3 30. Turn to PAGE 3 Turn to PAGE 3 31. Turn to PAGE 22 32. 33. Turn to PAGE 3 Turn to PAGE 22 34. Turn to PAGE 22 35. Turn to PAGE 22 36. Adenocarcinoma of endocervix 37. Turn to PAGE 22 38. 39。 Turn to PAGE 40. Turn to PAGE Turn to PAGE 22 41. 42. No tissue obtained 43. Turn to PAGE 3 Chronic cervicitis with squamous metaplasia 44. 45. Adeno-acanthoma Turn to PAGE 22 46. Turn to PAGE 3 47 - 48. Turn to PAGE 22 49. Atrophic endometrium ·50. Turn to PAGE 3 Turn to PAGE 22 · 51. Estrogenic hyperplasia of the endometrium 52.

PROBLEM A

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YOUR PLAN OF TREATMENT

From the list below, please select the ONE step which seems to you to be most appropriate. Please write down your diagnosis (or diagnoses) in the space provided on the back of the answer sheet.

On the answer sheet, make your selection from COLUMN 8 P Observe for further bleeding_ Q Perform a total hysterectomy_ Intrauterine radium therapy with total hysterectomy and BSO a month later R Perform a radical hysterectomy with bilateral salpingo-oophorectomy (BSO) and T removal of upper part of vagina Perform a total vaginectomy_ Castrate the patient and radiate the involved areas V 1:MInstitute progestational therapy____ R X Evaluate the patient's problem further

PAGE 21

PROBLEM A

PAGE 22

Except when emergency situations dictate otherwise, it is usually a good practice to establish a diagnosis before instituting treatment. Ordinarily one first obtains an adequate detailed history, proceeds with a physical examination and then selects further diagnostic studies and procedures as the findings indicate.

- 1. If you have not yet written down your diagnosis (or diagnoses) in the space provided on the back of the answer sheet, please do so NOW.
 - 2. If you have not yet committed yourself to a plan of treatment for this patient, please either select a treatment by turning to PAGE 21, or else write your own plan of treatment in the space provided on the back of the answer page.

When you have accomplished items 1 and 2 above, you have completed this problem. Go on to the next case.

APPENDIX B - 2 TEST A - 1955 EDITION CLINICAL PROBLEM SOLVING TEST

This "clinical problem solving test" consistion a case presentation in a format which is designed to test your ability and judgement in the diagnosis and treatment of the patient's disorder.

<u>Information Pages</u>. In the test booklet, the left-hand, even-numbered pages are "information" pages. Each "information" page consists of a list of conflicting statements about the patient, or directions to you, numbered in straight numerical order. Some items in the list are directly applicable to your management of this patient; others are wholly irrelevant. You must turn to the "question" pages to learn which are which.

Question Pages. The right-hand, odd-numbered pages in the test booklet are "question" pages. Each "question" page consists of a statement about the patient or directions to you, and is followed by a list of multiple choice items from which you are to make a selection (sometimes just one, sometimes many items). Each multiple choice item on each "question" page of the test booklet has a code letter following it. On the answer sheet, there is a corresponding column of letters. To the right of each letter on the answer sheet there is an eraseable area concealing the number of the appropriate statement or direction on the corresponding "information" page.

Answer Page. To proceed with this test, make your selection (or selections) from the multiple choice items on the "question" page, erase the proper spots on the answer page, read the items with the corresponding code numbers on the information page and be guided by the information you are given. You may turn to any page in any order.

<u>Scoring</u>. In the gathering of information about your patient, you may choose AS MANY items as you think you need to manage the case. There is NO PENALTY for seeking apparently unnecessary or irrelevant information unless the patient's welfare is unnecessarily jeopardized in the process. This is not a test of your ability to guess the correct diagnosis with the least possible information. You are advised <u>against</u> skipping any item in the workup.

<u>Procedure</u>. The case presentation begins on PAGE 3. You may begin immediately to read any or all pages of the test booklet <u>in any order</u> you wish, but do not make erasures on the answer sheet until you are told to do so.

> Prepared by: P. L. Wilds, M.D. and Virginia Zachert, Ph.D. Department of Obstetrics and Gynecology Medical College of Georgia Augusta, Georgia

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March 1965 (mb)

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CASE PRESENTATION

A fifty year old woman comes to your office with a complaint of intermittent vaginal bleeding of six weeks' duration. She adds that this is the first vaginal bleeding she has noted since her menopause two years ago at age 48.

The further management of this patient including all steps necessary for diagnosis and treatment is your responsibility.

From the list below, select the step which seems to you to be most appropriate, then turn to the PAGE indicated.

DIRECTORY

More history. PAGE 5 General physical examination. PAGE 7 Diagnostic studies and procedures. PAGE 9 Your diagnosis. PAGE 11 Your plan of treatment. PAGE 13 PAGE 3

PAGE 4 INFORMATION AND DIRECTORY 01. Chronic alcoholic 02. Living and well 03. Mone 04. Has apartment in own house 05. Uses Ex-lax occasionally 06. Always "nervous." 07, College graduate 08. Frequent backaches Periods 12x30x5 were prolonged and irregular for 3 years before menopause 09. at 48. Appendectomy at 23, left mastectomy at age 47. 10. No operations. 11. 12. Teetotaler, on 1800 cal. diet. 13. Wears glasses for reading. Asymptomatic 14. 15. Had cancer of (?) at age 46. She and husband are separated Takes 1 gm. Tolbutamide daily. 16. 17. None 18. High school Usual childhood diseases. 19。 20. None Hasn't felt well for years. 21. None 22. Has been taking "female hormone" pills for years for "the change". 23. Occasional frequency, no dysuria 24. 25. None Lives with husband, 57. 26. Diabetes 10 years duration; syphilis 15 years ago, adequately treated, 27. Breast cancer 3 years ago, treated by surgery. 28. No information available 29. All in Europe 30. Has diabetes & high blood pressure. 31. Runs boarding house 32. No recent change 33. Spouse died 4 years ago of Tbc. 34. None Gross hematuria (one day episode) 2 months ago. 35. Regular & satisfactory (friend rents room from her) but has had 36. post-coital bleeding for 6 weeks. Severe 37. 38. Severe shortness of breath and minimal excretion **39.** None 40. Sometimes has palpitations 41. Frequent occipital headaches 42. Died of cancer of the womb. 43. Eats "what she pleases," mostly carbohyc ates Still bleeding. 44. 45. Suffers from nemorrholds None noted 46. Patient refuses to answer 47. You can't get here from there. 48. Living and well 49. Sometimes incontinent. 50. Regular all her life, IMP 3 years ago, no bleeding since then. 51. Frequent, severe. 52.

- her n **- 64 -**

PAGE 5

MORE HISTORY

You may assume that the Chief Complaint and Present Illness as given are complete and correct. For additional information please select AS MANY of the items below as interest you, erase the code numbers of these items in the proper column of the answer sheet, then find the information with the corresponding code numbers on On the answer sheet, make your erasures in <u>COLUMN 10</u>.

Past Medical History

Family History

Social History

System Review

a Ilïnesses Ъ Injuries С Operations d Pregnancies е Father £ Mother g Siblings h Others i Schooling j Occupation k Home Environment 1 Marital situation m Sex life n Habits 0 Drugs & medicines General (wgt., fever, weakness, etc.) P q HEENT r CVR S GI t GU u GYN V NP W Musculoskeletal

When you have completed your history-taking, select from the list below the step which seems to you to be most appropriate, then turn to the PAGE indicated.

the second s			29. 1315 1 . 1	** *
General phy Disensatic	ysical examinat studies and pr	ocedures.	PAGE 9	* •
Your diagn	osis. PAGE 11		the second second	
Your plan	of treatment.	PAGE 13		
	··· · · · · · ·	- Statistics	17 N. 18	
	· · · · · · · · · · · · · · · · · · ·		e station of the	
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		and the set in the	Att Strate	12
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	プレン・セート 一手で発す。	· · · · · · · · · · · · · · · · · · ·	a contraction of the state of t	
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INFORMATION AND DIRECTORY

01. Twice normal size. 02. None palpable 03. 5'6", 170 lbs. 04. Well-formed, left mastectomy scar. 05. Not enlarged 06. Not enlarged 07. Fungating exophytic lesion 08. Intact 09. Atrophic 10. Grade II changes, capillary microaneurisms. 11. Enlarged to level of umbilicus 12. No abnormalities noted. 13. Supple. 14. 2 cm. ulcer on posterior wall at hymenal ring 15. 37°, 80, 18, 180/112 16. Obese 17. Not felt 18. Moist 19. Old third degree laceration. 20. Normal 21. Not palpable 22. Unremarkable 23. Right normal, papilledemasofileft: disc. 24. Undistended 25. Physiologic 26. Marked nuchal rigidity 27. Well-formed 28. Well-formed 29. Well-developed, mod., obese W.F. 30. Unobstructed 31. Not enlarged 32. Nothing abnormal 33. Old mastectomy scar on left; right negative. No nodes 34. 1 cm. ulcer on left lateral wall (Middle 1/3) 35. Distended, tympanitic with hyperactive bowel sounds 36. Normal size no murmurs 37. Within normal limits 38. Tremendously obese with old laparotomy scar. 39. Left drum perforated Mid-line 40. Not noted 41. Intact 42. 43. Moderate enlargement, totally irregular rhythm, no murmurs No abnormalities noted 44. No abnormalities felt 45. 46. Atrophic 47. Examination unsatisfactory 48. Abnormality found; see other items. 49. Not enlarged, mid-position. Not noted. 50. No masses or tenderness 51. All present and equal 52.

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PAGE 6

GENERAL PHYSICAL EXAMINATION

In the proper Please select AS MANY of the items below as you wish to examine. column of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on PAGE 6.

•••••			9.
0n	the answer	sheet, make your erasures in COLUMN	<u>-</u> 9.
		TPR, BP	
		Hgt., wgt.	C
		General description	d
-		Skin	
		Lymphatics	_e _f
		Head & face	
		Hair	_g h
•		Eyes	-" i
	. ·	Ears	
		Nose	_J k
		Mouth, teeth, throat	^K
		Neck	
		Trachea	
	•	Thyroid	n
•	•	Vessels	
		Chest	P
		Breasts & axillae	_q
		Heart	r
		Lungs	S
	•	Abdomen	t
. •	•	Liver, spleen, kidneys	<u>u</u>
		Masses	<u>v</u>
		Tenderness	W
		Pelvic examination	X
		Hair distribution	y
		Ext. genitalia	Z
		SUB glands	
		Introitus & perineum	B
		Vagina	C
		Cervix	D
•		Uterus	E F
	· · ·	Adnexa	
		Rectal	G
		Sphincter	H
		Masses	Į
		Back	J
		Extremities	K
_		Pulses	<u> </u>
• '		Deep tendon refletes	<u></u> M
		Neurological	N
,	· · · ·		,

DIRECTORY

PAGE 5" 5. 1 Obtain more history. Perform diagnostic studies and procedures. PAGE 9 Your diagnostic opinion. PAGE 11 PAGE 13 Your plan of treatment.

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ERIC

PAGE 7

INFORMATION

F 80, 1 hr. 110, 2 hr. 68, 3 hr. 80 (mgm%) 01. 02. Negative 03. Non-reactive 04. Negative 05. Negative 06. Negative 07. Mixed mesodermal tumor of uterus Left ventricular hypertrophy 08. 09. No abnormalities 10. Na 140, K 3.8, C1 98, CO₂ 25. Class I, atrophic smear 11. 12. Report not available 13. Negative Class IV (positive) malignant cells present. 14. Class II, estrogen effect. 15. 16. No abnormalities F 100, 1 hr. 220, 2 hr. 190, 3 hr. 140 17. Hct. 36, WBC 8,000, differential normal 18. Marked cardiac enlargement with hypertensive contour. Lung fields clear. 19. Less than 6% retention at 45 minutes. 20. Squamous cell carcinoma, invasive. 21. 22. 180 mg% 34% retention at 45 minutes. 23. Sp. gravity 1.010, pH 5.8, glucose 2+, acetone negative, albumin 24. positive, microscopic: occasional WBC. Chronic cervicitis with squamous metaplasia 25. Reactive, titer 1:64. 26. Report not available. 27. 28. Chronic cervicitis Report not available 29. 30. Negative 4 K-A units/ 100 ml. 31. 32. Negative 33. Negative Positive findings same - as noted elsewhere. 34. Class III, suspicious. Suggest further studies. 35. Scattered spherical ("snowball") densities in both lung fields; minimal 36. cardiac enlargement. 37. Endocervical tissue Adenocarcinoma 38. 39。 10 mgm% '40. Negative 41. Positive 42. Adenocarcinoma 43. Na 120, K 5.1, C1 86, CO₂ 11 (mEq/1) 44. Negative 45. Negative film. Heart normal size. 46. Negative Hematocrit 23, WBC 6,000, hypochromic, microcytic 47. 40% excretion in 15 minutes 48. Estrogenic hyperplasia 49. Negative 50. Left breast shadow absent; otherwise, negative chest film. 51. Adenocarcinoma, medullary type. 52.

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DIAGNOSTIC STUDIES AND PROCEDURES

Please select AS MANY of the items below as you wish to examine. In the proper column of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on PAGE 8.

	On the answer sheet, make your erasures in COLUMN	8.							
Chemistries	Alk, nhosphatase	8							
(Blood, serum)	Bilirubin, direct, indirect	·b							
(Drood, Security	Glucose, 2 hr., postprandial	<u> </u>							
	Electrolytes, Na, K, Cl, CO2	d							
	Urea Nitrogen (BUN)	e							
071	Stool for blood, OCP	f							
Clinical &	Vaginal pap smear	g							
cyto pathology		h							
serology	VDRL	i							
Hematology	Blood group & Rh	j							
	CBC	k							
Urine tests	Urinalysis, complete	1							
X-rays	Abdomen								
	Barium enema	n							
-	Chest	0							
	Cholecystogram	p							
	GI series	r q							
	Pelvis	⁴							
	Pyelogram (IVP)	^ S							
	Skull_	0							
	Spine	Ľ. U							
Procedures	BSP	^U V							
••	Cystoscopy	v w							
	Darkfield exam for T. Pallidum								
· ·	Electrocardiogram	X							
	Examination under anesthesia	y							
•	Frei test	Z							
	Glucose tolerance test	A							
•	PPD or Tuberculin Test	B							
	Proctosigmoidoscopy	C							
	PSP	D							
	Smears for Donovan bodies	E							
	Smears for H, Ducreyi	F							
Surg. Path Reports	Biopsy cervix (punch)	G							
	Biopsy vagina (ulcer)	H							
	Conization of cervix	I							
٠		Ĵ							
	D&C, endocervix D&C, endometrium	K							

After you have completed your studies and procedures, select from the list below the step which seems to you to be most appropriate, then turn to the PAGE indicated.

DIRECTORY

PAGE 5 More history. General physical examination. PAGE 7 Your diagnostic opinion. PAGE 11 Your plan of treatment. PAGE 13 •••

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PAGE 9

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DIRECTORY

·..:

More history. PAGE 5 General physical examination. PAGE 7 Diagnostic studies and procedures. PAGE 9 Your diagnosis. PAGE 11 Your plan of treatment. PAGE 13

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3 · · · ·

Be sure to complete both YOUR DIAGNOSIS (PAGE 11) and YOUR PLAN OF TREATMENT, PAGE 13 before you proceed to the next problem.

YOUR DIAGNOSIS

On the basis of the information now available to you, you should be able to select a provisional diagnosis upon which your further management of the case can be decided. From the list below select AS MANY diagnoses as seem applicable to this patient's problem. Adenoacanthoma, primary, of endometrium (stage unspecified) ________ a (specify stage if you can) ______ Stage II ______ b

(specify stage if you can)	Stage 11	
(specity stage it you can)	Stage III	d
•	Stage IV	e
the second second second second		f
Adenocarcinoma, primary, of cervix (stage unspec	Stage 0	g
· · · · · ·	Stage V	h
· · ·	Stage I	
(specify stage if you can)	Stage II	L
(bpccarj beage an jew early	Stage III	
	Stage IV	K
Adenocarcinoma, primary, of endometrium (stage u	inspecified)	1
Additionally praimings of another and the O	Stage I	• m
	Stage II	n
(specify stage if you can)	Stage III	0
	Stage IV	p
		p
Adenocarcinoma, primary, of vagina (stage unspec		F
	Stage I	
(specify stage if you can)	Stage II	S
Inharand Ton On an Arth Tonak	Stage III	t
·	Stage IV	u
Adenocarcinoma, metastatic from primary in breas		V.
Bacupetrorumi meentenen eren Lanuari	With spread to cervix	W
	With spread to lungs	X
(specify spread, if appropriate)	With spread to ovaries	V
	With spread to vagina	2
		A
Adenocarcinoma, metastatic from primary in colon		B
	With spread to cervix	and the second se
(specify spread, if appropriate)	With spread to lungs	C
	With spread to ovaries	D
	With spread to vagina	E
Adenocarcinoma, metastatic from primary in ovary	-	F
	With spread to cervix	G
langester annest it annearional	With spread to lungs	H
(specify spread, if appropriate)	With spread to vagina	I
Annalysing any and af any in labora upon		J
Carcinoma, squamous cell, of cervix (stage unspe	Chang O	Y
	Stage 0	and the second se
	Stage I	A Contraction of the second
(specify stage if you can)	Stage II	All and the second s
	Stage III	N
	Stage IV	<u> </u>
Chancroid		P
Diabetes mellitus	the second s	Q
Exogenous obesity		R
Granuloma inguinale		S
Hypertensive vascular disease		T
	ni na sana ang ang ang ang ang ang ang ang ang	U
Lymphopathia venereum	State of State	V
Pulmonary cuberculosis, active		
Pulmonary tuberculosis, inactive	and the second secon	
Positive serology		
Syphilis, active untreated		
	•	
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INFORMATION

In selecting your plan of management, you might (or might not) erase one of the following numbers. If you do so, you may find the information given below helpful. 01. Aortic lymph nodes are enlarged, and on biopsy and frozen section they show adenocarcinoma. Metastases to liver are also palpable. No evidence of peritoneal spread. No evidence of extension beyond the uterus, no enlarged lymph nodes or signs 07. of peritoneal spread. Granulosa cell tumor of right ovary, small. No gross evidence of spread 13. beyond ovary. 49. Patient dies on operating table of pulmonary edema. •••••• An representation and the second states of the and the second second and the second second second The sound and and a succession program the sound a second 1110c - The second s LILUC

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YOUR PLAN OF TREATMENT

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line a plan for managing long-term medical proble	this patient's present illness, ems are under control. From the think are appropriate. There	, You can assume that the list below sclect AS are penalties for inepp	ro-
	On the enswer sheet, make		a
ENDOCRINE TREATMENT		treatment	
:	After radiat	tion	
	After surger	۲ <u>ــــــــــــــــــــــــــــــــــــ</u>	<u> </u>
	Androgen therapy		d
•	Estrogen therapy		e
	Progestational therapy		f
	Continuous estrogen-progestin	therapy	g
•	Cyclic estrogen-progestin the	rany	h
	Cyclic escrogen-progesein ene.		
		treatment	i
RADIATION Extern			3 k
	-	су	
	Conventional x-ray	۵٬۰۰۰ و در ۲۰۰۰ ۲۰۰۰ و در ۲۰۰۰ و در ۲۰۰۰ و در ۲۰۰۰ و در ۲۰۰۰ و	*
	Supervoltage or telecobalt	and a second	
	Cancericidal dosages to:	Lung fields	<u>n</u>
		Upper abdomen	0
		Entire abdomen	P
		Pelvic contents	q
	Cestrating dosage to:	Ovaries	r
			_
RADIATION Inter	cnal (radium) As initial	treatment	t
	•	ry	u
	Vaginal ovoids (only)		V
•	Dosage at vaginal mucosa	2-3000 r	W
	Dosage at vaginar moore	5-6000 x	X
•		10-12000 r	V
•			 Z
(Cumulative tumor	Uterine tandem or Heyman's cap		Â
dosages in roentgens,	Dosage at uterine surface	E 2-3000 F	B
from all sources,		5-6000 r	م D
including external)		10-12,000 r	-
•	Uterine tandem and vaginal over	oids	D
	Dosage at Point A	2500 r	E
• •	C	7500 r	F
		15,000 r	G
		30,000 r	H
•	Dosage at Point B	2-3000 r	Ţ
•	Dosage at torne D	5-6000 r	J
- · · ·		10-12,000 r	K
· .			دادبو برومیر
SURGERY	As initial	treatment	. M
SUNDERI		tion treatment	N
	Exenteration of pelvis, anter		0
	Exenceration of pervis, ancer	nd	P
•	Exenteration of pelvis, poste		 0
	Exenteration of pelvis, total	ىرىدۇر ئاسىرىيە بۇر بىرى خىرىنىڭى بىلىلەت بىلىقانىيە ئىلار بىلىنى ئۇرۇنچىلىدىغىنى بىرىمىيە بىلىرىيە بىرىيەت بى ئ	R
•	Laparotomy		- Marine -
	Radical hysterectomy	the second se	S
	Subtotal hysterectomy		1
	Total hysterectomy .		U
· .	With omentectomy	-	V
	With pelvic lymph node dissec	tion	
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APPENDIX C

SAMPLE ANSWER SHEETS (1964 & 1965)

(COVERED AND UNCOVERED)

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C – 2	Uncovered with		front back added	79
C - 3	Covered	October,	1965	81
C - 4	Uncovered	October,	1965	82

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	APPENDIX D
	RULES FOR SCORING PROBLEM-SOLVING TESTS
	THAT HAVE A CODY OF A TECT AND A CODY OF PANEL T
	Note: PLEASE HAVE A COPY OF A TEST AND A COPY OF PANEL I IN FRONT OF YOU.
	RULE ONE
	1. Score each item before you look up the answer on the
	left-hand page of the examination booklet. If by previous exposure to the test, you already know the answer, score
	the item as if
<i>o</i> .	
	RULE TWO
YOU DIDN'T KNOW THE ANSWER.	2. Score the items as you come to them in the normal order of working up the patient.
	For most non-emergency clinical situations, what is
	this normal order?
	1. History
	4. A state of the
	3.
	4,
1. HISTORY 2. PHYSICAL EXAMINATION	3. In special emergency situations, the normal order may be quite different; examples:
3. ROUTINE LAB WORK	
4. SPECIAL DIAGNOSTIC STUDIES	Patient comes in in a coma, or is suddenly pulseless or apneic, etc.
	The normal order of workup or management is the order
	an experienced physician would use, being guided by the information that is available to him up to that
	point. Obviously, if he were permitted to make retro-
	spective judgements, he might wish he had chosen a order.
DTERFEDENM	4. Is this second rule clear?
<b>DIFFERENT</b>	
	THIS PROGRAMMED TEXT FOR THE 1965
	EDITION OF THE TESTS WAS ABANDONED AND NOT USED IN THE PROJECT.
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Particular transformation	

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#### PANEL I

# SYMBOLS USED IN SCORING CLINICAL PROBLEM SOLVING TESTS

# Diagnostic process (data-gathering)

Routine (probability of positive finding not increased) L. Indicated (probability of positive finding increased) Μ Not indicated (harmless, but neither routine nor indicated) N Contraindicated (minor hazard) P

Contraindicated (major hazard) Q

### Diagnostic product (disease-labelling)

Correct primary diagnosis (most probable diagnosis which fits R the data)

Unlikely diagnosis (it fits the data, but is improbable) Partially correct diagnosis. (It doesn't really fit the data,

but it is not hopelessly erroneous, either.)

Wrong diagnosis (wholly unacceptable)

Subsidiary diagnostic item

 $X_X$ ,  $X_R$ ,  $X_S$ ,  $X_T$ ,  $X_U$ , Subsidiary diagnostic item implying that the subscript letter must also be scored whether or not the student marked it (i.e.,  $X_R$  is marked,  $X_R$ score both R and X_)

Therapeutic product (treatment and disposition)

Best management (recommended at our institution)

Alternate correct management (often recommended at other institutions) Acceptable management (may involve more risk or mutilation than С , ч. ч.

necessary but is appropriate to problem)

- Inadequate management. (Usually undertreatment, with non-fatal consequences)
- Inappropriate management. (Involves grave unnecessary risks or major unnecessary mutilation)

Fatal mismanagement. (Whether by errors of omission or commission) Subsidiary diagnostic item

 $z_z$ ,  $z_A$ ,  $z_B$ ,  $z_C$ ,  $z_D$ ,  $z_E$ ,  $z_F$ ,

Subsidiary diagnostic item implying that the subscript letter must also be scored whether or not the student marked it (i.e., ZA is marked, score both A and  $Z_{\Lambda}$ )

0

714703

S

Т

U.

X

B

. E

F

Ζ

Directory Item (refers student to another item or page)_____

- 84 -

	1	
YOUR ANSWER	5.	Sometimes a diagnostic procedure at one stage in the
TOOK MIDHMK		workup is not indicated at all; in fact, it may be
		contraindicated. Later on, in the light of further
	•	information it may become definitely indicated. The
·		format of the test may not permit you to give diff-
	ł	erent scores for doing the same procedure at different
		times. If this is the case, give the student the
		benefit of the doubt and score the item in the more/less)
		favorable way.
	• •	
	1	RULE THREE To score an item, first decide in what <u>category</u> it
MORE	6.	
10回 「お子」 ション・ション		belongs:
· ·		1. Data-gathering item
•		To Dala-Baluci ing allem
and the second second second second	2	2. Diagnosis (disease-labelling)
	ŀ	
ewan, where the second	1 · · ·	3. Treatment or disposition
· · ·		4. Directory item.
ante da completa da la completa da completa da completa da la completa da completa da completa da completa da c	-	
	1	Example: In a patient with a Class III Pap Smear, in
	ľ	what category would you place "fractional D&C and
		conization"?
الم		
and the second		
DATA-GATHERING	7.	If the report of the D&C + conization were invasive
		carcinoma, and the next item was "refer the patient
		to a radiotherapist", in what category would you put
e na de ja na na na na na entre e F		it (choose one)
· • ' (		Treatment
and the second	- '	Directory item = 0
÷		DILECTOLY LICEN & C
n and a second sec		
	Q	A treatment item is one which affects the welfare of
TREATMENT	0.	the patient and is not primarily for the purpose of
•		obtaining diagnostic information. Thus, depending on
· · · ·		what its purpose, a D&C may be either a
· · · · ·	1	item or a item.
. •	1.2.1	
DIAGNOSTIC or TREATMENT	9.	A directory item simply refers the student elsewhere in
		test. Its purpose is to help the student find his way
		through the test. The symbol for a directory item is
•		
	'	a set the set of the s
0 or NO	10.	A directory item, refers the student to another item

A <u>directory</u> item, refers the student to another item or page in the ______, a <u>treatment</u> item is one which affects the welfare of the patient and in its purpose is not primarily diagnostic. It may also refer 10. the student to

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	11.	Is the distinction between directory and treatment
ANOTHED THEM OF PACE	<b>*</b> *	items clear? YES/NO
ANOTHER ITEM OR PAGE		
		What letter designates a directory item?
	12.	In a clinical problem-solving test, if an item is not
YOUR ANSWER	2.00	a directory item, is not a diagnostic procedure, and i
		not a treatment item, what might it be?
	. 13.	Primary Diagnoses are to be scored in one of four cate
. A DIAGNOSIS		gories:
		the second (the best and most likely
	;	R. Entirely correct (the best and most likely diagnosis or diagnoses)
	ł	S. Acceptable but unlikely (the chosen diagnosis
		fits the data, but other diagnoses are more
		likelv).
	I	T. Partially incorrect (same as partially correc The diagnosis doesn't fit the data, but it's
	1.1	not hopelessly erroneous, either.
		U. Unacceptable (hopelessly wrong).
n an		
		Example: A patient has invasive squamous cell cancer involving the cervix and upper vagina (only)
	· ·	
		How would you score this answer; invasive squamous cel
		cancer of the cervix Stage IIa?
i i i		
•	14	In this same patient, how would you score this answer
. R, ENTIRELY CORRECT	14.	
•	I	Adenocarcinoma of the endometrium?
and the second		· · · · · · · · · · · · · · · · · · · ·
. U, UNACCEPTABLE	15.	How about this?
		Cancer of the vagina?
4. 		
5. T, PARTIALLY CORRECT OR	16.	How would you score this answer?
PARTIALLY INCORRECT		Invasive cancer of the vagina with extension
		to the cervix?
	16a.	After a patient has several diagnoses, For example:
· ,		( ) Adenocarcinoma of the endometrium
		() Essential hypertension
		(() Exogenous obesity
	-	() Diabetes mellitus
	1	Usually one of these is the most important. The othe
, , , , , , , , , , , , , , , , , , ,		Usually one of these is the most important. The other are secondary of lesser significance.
· · · ·		•••
	1	In the above list, mark the most important diagnosis
		it were entirely correct, then score the other
· · · · · · · · · · · · · · · · · · ·	I	diagnostic items with an X.
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and the second of the second		<u></u>	
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		•	
(R)	165.	Sometimes a subsidi	ary diagnostic item implies the
(A) - All are and a fight of		primary one as well	Example: suppose a patient had a
(X)		invasive squamous c	ell cancer strictly confined to the
(X)		cervix, how would y	ou score the following choices
and the second state of the second second	·	(use R's, X's, and	
and the sentence of the second second			
tastante to get the statistic of		Carcinoma, squamous	cell, of cervix ( )
and the state of the second particular to the	e e	Stage	0
	4 ×	Stage	
		Stage	
		Stage	
and a second	́тх,	Stage	
	160.	In this case the X	(Stage I) implies R (carcinoma
S. w. (R)	1	of the cervix) and	therefore, the X is scored as if i
n an s <b>(u)</b> a sea a' sea a' sea an	<b>i</b> ; .	were X +	To indicate this the X is given a
(U)		subscript, making i	<b>ἑ Χ_ρ.</b>
(U)	,	· · · · · · · · · · · · · · · · · · ·	
	•	· · · · ·	
the Received of the second second second second	.16đ.	Therefore, when any	subsidiary diagnosis (X) implies
and the second	1	primary diagnosis t	his is indicated by adding the let
•		of the primary diag	nosis (this may be an R,,
and analysis and a set of a se		, or a $Examples X_R X_S X_T$	) as a subscript to the X.
n an an an an an an an ann an an an an a		Examples AR AS AT	
L. S. I. U.	17	ATT denomentes inter	duras and allocatified as altitudant
	1/.	ALL GLAGNOSTIC Proc	edures are classified as clinical, whether they involve
ې د د کې د د د د د د د د د د د د د د د د		history taking nhy	sical examination, laboratory
	<b>i</b> .	tests, or	
•			
•	·	ŝ	
. DATA-GATHERING, DIAGNOSTIC	18.	Diagnostic procedur	es are divided into 5 categories
	· ·		· · · · · · · · · · · · · · · · · · ·
and the second	ł,	L Routine	. The structure article is
مېچې د مېلې د مېږ کې د مېچې د د وې د کې د د د د د کې د وې د مېچې د د مېښې د مېږي د مېږي د مېښې د د مېښې د د د کې د وې	1	M. Indicated	and the second part of the secon
		N Not indicat	ated (minor hazard)
	<b>.</b>	,	ated (minor hazard)
		A "POULTATHATC	acca (major macana)
•		,	
	-	In a normal, inew OB	patient, with negative past histo
and the second	1	and an apparently n	ormal cervix, how could you classi
		a Pap Smear?	and the second secon
n an			
. L. ROUTINE	19.	Suppose, on the oth	er hand, the patient gave a histor
Ma to a final to a final to a final to a		of having had abnor	mal Pap Smears in the past. How
In this case, the Pap Smear		would you classify	a Pap Smear now?
is a routine screening pro-			an a
cedure and is not specially			•
		the fait of the fa	
indicated by the facts at	1 ·		
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indicated by the facts at hand.	ан с « с раз - с - с - с - с	- 87 -	

and "indicated" data-gathering procedures is based on E THE INCREASED PROBABILITY OF A POSITIVE FINDING OR ABNORMAL RESULT. 23. In these tests, it often happens that a "routine" question or procedure yields an unexpected positive finding. Does this item then become "indicated"?			
<ul> <li>diagnostic procedures is an important one in Scorne. these tests.</li> <li>A "routine" procedure is one which may be helpful and should be done, but, at the moment you docide to use it, the probability of a positive finding or abnormal result is not increased over what you would expect in a normal result is not increased over what you would expect in a "normal" patient.</li> <li>"ROUTINE"</li> <li>"ROUTINE"</li> <li>"ITEDICATED"</li> <li>21. If this same patient were found to have tachycardia and mucosal pallor, a hemoglobin or hematocrit would be</li></ul>	· ·		
<ul> <li>diagnostić procedures is an important one in Second.</li> <li>diagnostić procedures is an important one in Second.</li> <li>A "routine" procedure is one which may be helpful and should be done, but, at the moment you decide to use. it, the probability of a positive finding or abnormal result is not increased over what you would expect in a normal result is not increased over what you would expect in and mucosal pallor, a hemoglobin or hematocrit would be</li></ul>		•	
<ul> <li>diagnostić procedures is an important one in Scoring these tests.</li> <li>A "routing" procedure is one which may be helpful and should be done, but, at the moment you decide to use. it, the probability of a positive finding or abnormal result is not increased over what you would expect in a normal result is not increased over what you would expect in a normal patient.</li> <li>"ROUTINE"</li> <li>"ROUTINE"</li> <li>"ITEDICATED"</li> <li>21. If this same patient were found to have tachycardia and mucosal pallor, a hemoglobin or hematocrit would be</li></ul>			The destination between "routine" and "indicated"
<ul> <li>These tests.</li> <li>A "rowitine" procedure is one which may be helpful and should be done, but, at the moment you decide to use it, the probability of a positive finding or abnormating result is <u>not increased</u> over what you would expect in a working patient.</li> <li>"ROUTINE"</li> <li>"ROUTINE"</li> <li>"ROUTINE"</li> <li>21. If this same patient were found to have tachycardia and micosal pallor, a hemoglobin or hematocrit would be</li> <li>"INDICATED"</li> <li>22. In this classification, the distinction between "routid and "indicated" data-gathering procedures is based on</li> <li>"INDICATED"</li> <li>23. In these bests, it often happens that a "routine" guestion or procedure yields an unexpected positive finding. Does this item then become "indicated"? YES/NO</li> <li>24. A diagnostic procedure is "not indicated" if an experienced physician at this point in the workep would omit it and if it is apparently harmless as well as useless. It may, however, involve time, money, and disconfort.</li> <li>Examples: I series on IVP in a (non-pregnant) patient with no GI or GU signs or symptoms.</li> <li>In this patient these procedures are it has early proceedures are it has a market a '</li></ul>	M, INDICATED	20.	diagnostic procedures is an important one in scoring
<ul> <li>should be done, but, at the moment you decide to Use it, the probability of a positive finding or abnormal result is not increased over what you would expect in a normal patient.</li> <li>"ROUTINE"</li> <li>"ROUTINE"</li> <li>"ROUTINE"</li> <li>"If this same patient were found to have tachycardia and mucosal pallor, a hemoglobin or hematocrit would be</li></ul>		, •• <i>"</i>	
<ul> <li>should be done, but, at the moment you decide to Use it, the probability of a positive finding or abnormal result is not increased over what you would expect in a normal patient.</li> <li>"ROUTINE"</li> <li>"ROUTINE"</li> <li>"ROUTINE"</li> <li>"If this same patient were found to have tachycardia and mucosal pallor, a hemoglobin or hematocrit would be</li></ul>			A "noviting" procedure is one which may be helpful and
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<ul> <li>a 'normal' patient.</li> <li>a 'normal' patient.</li> <li>In an apparently normal new OB patient with a negative history, hemoglobin's or hematocrit would be</li></ul>			it the probability of a positive finding or abnormation
<ul> <li>'ROUTINE"</li> <li>'ROUTINE"</li> <li>'ROUTINE"</li> <li>'I. If this same patient were found to have tachycardia and mycosal pallor, a hemoglobin or hematocrit would be</li></ul>			result is not increased over what you would expect in
<ul> <li>"BOUTINE"</li> <li>"BOUTINE"</li> <li>21. If this same patient were found to have tachycardia and mucosal pallor, a hemoglobin or hematocrit would be</li></ul>			
<ul> <li>"ROUTINE"</li> <li>21. If this same patient were found to have tachycardia and mucosal pallor, a hemoglobin or hematocrit would be</li></ul>			In an apparently normal new OB patient with a negative
<ul> <li>and mucosal pallor, a hemoglobin or hematocrif W0013 be</li></ul>			nistory, nemogroprik of memalocite would be
<ul> <li>and mucosal pallor, a hemoglobin or hematocrif W0013 be</li></ul>		· ^ · · · ·	
be	"ROUTINE"	21.	If this same patient were round to have tachycardia
<ul> <li>and "indicated" data-gathering procedures is based on a indicated" data-gathering procedures is based on a indicated data-gathering. The only "contra-indicated" if a indicated data-gathering. The only "contra-indicated data-gathering. The only "contra-indicated" is a parently based on a indicated data-gathering. The only "contra-indicated data-gathering. The only "contra-indicated" is a parently based on a indicated data-gathering. The only "contra-indicated" is a parently based on a indicated data-gathering. The only "contra-indicated" is a parently indicated data-gathering. The only "contra-indicated" is a parently based on a indicated data-gathering. The only "contra-indicated" is a parently based on a indicated data-gathering. The only "contra-indicated" is a indicated data-gathering. The only "contra-indicated" is a parently indicated data is indicated data</li></ul>			be
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<ul> <li>THE INCREASED PROBABILITY OF A POSITIVE FINDING OR ABNORMAL- RESULT.</li> <li>23. In these tests, it often happens that a "routine" question or procedure yields an unexpected positive finding. Does this item then become "indicated"? YES/NO</li> <li>NO. There was no increased probability of a positive re- suit. Rules 1 and 2 apply.</li> <li>24. A diagnostic procedure is "not indicated" if an experienced physician at this point in the workup would omit it and if it is apparently harmless as well as useless. It may, however, involve time, money, and discomfort.</li> <li>Examples: GI series or IVP in a (non-pregnant) patient with no GI or GU signs or symptoms.</li> <li>In this patient these procedures are : these same procedures, in a patient with an early pregnancy would be</li> <li>25. In scoring the tests, try not to penalize the student for misuse of the patient's time, money, and comfort in his clinical data-gathering. The only "contra- indicated" items are those which are "not indicated"</li> </ul>	TINDTOWLED		and "indicated" data-gathering procedures is based on E
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- 88 -	ANTITATINT ANTITA CARA HERE A		in his clinical data-gathering. The only "contra-
- 88 -			and also jeopardize the patient's
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SAFETY or WELFARE	26. "Contraindicated" data-gathering items refer only to diagnostic procedures, not to treatments (which may
and the second	also be contraindicated, but are under a different classification). To be "contraindicated" a procedur
	must not only be irrelevant to the patient's problem,
and the second	it must also pose a definite to the patient, or if she is pregnant to her
and the trade of the second	
DISTRICT OTICE	27. The hazard may be minor or major.
	Examples of minor hazards where procedure is not justified might be:
	1. Cervical punch biopsy
	2. Hysterc-salpingography 3. Retrograde pyelogram
	4. Unnecessary MUA
	Examples of major hazards in injustified diagnost procedures might be:
A HAR AND THE A PARTY OF A PARTY	
	2. "Paracentesis" of an ovarian cyst
	pregnancy or acute P.I.D.
an a	Thus, the same procedure under different circumstances may be classified
7. DIFFERENTLY	28. Using this classification of clinical data-gathering,
	L Routine M Indicated
	N Not Indicated P Contraindicated (minor hazard)
	Q Contraindicated (major hazard)
	please classify "cervical conization" under the
	following circumstances
	<ol> <li>Negative Pap Smear, normal appearing cervix, patient not pregnant</li> </ol>
	2. Negative Pap Smear, normal appearing cervix,
	patient in 1st trimester, history of habitual abortions
	3. Class III Pap Smear, normal appearing
	cervix
	4. Class III Pap Smear, small friable lesion on cervix
	- 89 -
	1 a sugmonder at and

<ol> <li>P - MINOR HAZARD</li> <li>Q - MAJOR HAZARD (to fetus</li> <li>M - INDICATED</li> </ol>		Under what circumstances would conization be "routine"
<ul> <li>3. M - INDICATED</li> <li>4. P - MINOR HAZARD</li> <li>(increased tumor emboli;</li> </ul>	·	Categorize conization under this condition:
punch biopsy preferable.)		Negative Pap Smear, non-pregnant patient, severel eroded, lacerated cervix.
		In this case, is conization diagnostic? In this case, is conization treatment?
	,	Treatment is classified as follows:
PROBABLY NEVER TREATMENT	30.	· •
		Best management A Alternate management B
		Inadequate management C
		Inappropriate management D Fatal mismanagement E
		Best means "the best result possible with the least
	ł	wisk to the nationt." In general, it should be
		restricted to the therapies recommended at this institution. (whether you like them or not)
· ·		Example. Treatment of cervical carcinoma-in-
•		situ in a 45-year-old multipara:
		1. conization and careful follow-up
		<ol> <li>total hysterectomy</li> <li>TAH and BSO</li> </ol>
		4. Radical hysterectomy with partial
		vaginectomy
		Which is the "Best" management
· · ·		A he scored A
0. TOTAL HYSTERECTOMY	31.	
•		What about the others? Which one (or ones) should be classified as
		Inadequate ?
		Inappropriate Fatal mismanagement?
× •		Facal mismanagement
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YOUR OPINION my opinion the correct answer NONE. All these procedures nould be listed B, alternate prrect, because they are ecommended and practiced by kperienced clinicians working in nstitutions elsewhere, or as acceptable, for similar reason	32.	Alternate correct (B) managements are ones which are naturally recognized as being as appropriate for treating the patient's condition in question as the management we recommend here and involve no greater risk or mutilation of the patient than the treatment. "Acceptable" (C) managements may involve increased risk for the patient and/or a moderate amount of unnecessary mutilation. Examples Laparotomy Oophorectomy (unilateral in young patient; bilatera in older ones) In creased pain or discomfort, etc.
	ţ	The important feature is that the treatment be the management recommended by some national authority, but is not here.
RECOMMENDED	33,	"Inadequate" (D) should be reserved for <u>under-treatment</u> which meets the following 3 conditions:
		<ol> <li>It is clearly not optimum or acceptable therapy by any standard</li> <li>It does not mutilate the patient</li> <li>It does not leave her to die of a fatal disease</li> </ol>
	-	Example: (as treatment of atrophic (senile) vaginitis) hot vinegar douches.
		This treatment should be classified as
INADEQUATE	34.	Many "inadequate" treatments may also be "inappropriate but for the purpose of this scoring system, "inappro- priate" implies 1. Grave risk to the patient's life or health, and/or 2. Major mutilation
		Examples of major mutilation: Unnecessary castration (young patient) Unnecessary sterilization (young patient) Unnecessary exenterative procedures, etc.
	The	The mismanagement, however, is not one that usually results in of the patient.
	·	
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DEATH	35.	Fatal mismanagement means just what it says: The treatment-or lack of treatment-leads directly to the patient's death. There should be no problem here. But please note, if you cure a pregnant patient by a treatment which results in the unnecessary loss of the fetus, this is
E, FATAL MISMANAGEMENT	35a.	Often a patient's management involves several steps and procedures which must be performed in a specified sequence. Only the <u>first</u> such step is given one of the above letters. Subsequent, or secondary treatment items are given the code letter Z. (with a subscript if appropriate).
• •		Example: In radiation treatment or cervical cancer Stage II, code the following treatment
		( ) Intracavitary radium therapy with uterine tandem and vaginal ovoids
· · · · · · · · · · · · · · · · · · ·	. <u>.</u>	Dose to Point A
· ·		() 2,500 r
• • • • • • • • • • • • • • • • • • •		() 7,500 r
. ·		( ) 15,000 r
(A) (F)	35b.	The scoring of treatment items can be very complex, involving multiple pattern scores. When in doubt, use the letter 0, to indicate a
(Z _A ) (F)		item or one which should not be scored.
DIRECTORY	36.	Do you remember and understand Rules 1 and 2? YES/NO
IF YOU DON'T, PLEASE START OVER	37.	List the four categories into which <u>all</u> items are first divided:
		1.
Contra de presente de la contra d	•	2.
	х	3.
		4.
DATA-GATHERING DIAGNOSIS TREATMENT DIRECTORY	38.	Please go over the panel again, and make sure you understand the criteria for classifying items within each category. If you still have problems, get a live consultant to help you.

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# APPENDIX E

# SAMPLE TEST A (1967)

This is the later edition of the 1964 and 1965 editions of Test A shown in Appendix B.

The decoding of this test is given in Appendix I.

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### CLINICAL PROBLEM-SOLVING TEST

This "clinical problem solving test" consists of a case presentation in a format which is designed to test your ability and judgment in the diagnosis and treatment of the patient's disorder. You are provided with a test booklet and a special answer sheet. The two must be used together. The test is divided into three parts. and the second second

- Andrew Constant Constant Constant and 10 .... Collecting information about the patient. Part I. Defining the patient's diagnosis. Part II. Part III. Specifying your plan of treatment for the patient.

For each part of the test, you will use a different portion of the answer sheet in a different way. You may work through the test or inspect any part of it in any order you choose, but please be careful to follow the special instructions for each section. the second and the addition of the later of the I March Start Carta

The test begins on PAGE 2.

Prepared by: P. L. Wilds, M.D. and Virginia Zachert, Ph.D. Department of Obstetrics and Gynecology Medical College of Georgia Augusta, Georgia

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May 1967 (tc)

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# CASE PRESENTATION

A fifty-year-old woman comes to your office with a complaint of intermittent vaginal bleeding of six weeks' duration. She adds that this is the first vaginal bleeding she has noted since her menopause two years . ago at age 48. . . . . . . ÷

• مربع . م مهند ردویه ^{در} مربع . ۸ مهند در دویه در مربع . the state of the state . . . . In this test, the further management of this patient is your responsibility. You will be asked to specify all steps necessary for diagnosis and treatment.

Please go on to PAGE 3.

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### Instructions for Collecting Information

Purpose. Pages 9, 11, and 15 of this test, labelled MORE HISTORY, PHYSICAL EXAMINATION, and DIAGNOSTIC STUDIES AND PROCEDURES, are designed to provide you with information about the patient, but they give you only the information you ask for. 160

Format of the Booklet. The right-hand (odd-numbered) side of each of the three pages contains a list of categories of parts of the history, parts of the physical examination, and various tests and procedures. Each item is followed by a number in the right-hand margin (HISTORY items begin with 150, PHYSICAL EXAMINATION 250, TESTS AND PROCEDURES with 350, etc.)

Exercise 1. Open the test booklet to page 9, 11, or 15. Inspect the righthand side of the page, then return to PAGE 3 and complete Exercise 2. 1 5 Company the State

Exercise 2. On the left-hand (even numbered) pages 8, 10 and 14, you will find that there is a column of numbers followed by a scrambled list of conflicting statements about the patient. Each statement is preceded by a number (beginning with 100 for history, 200 for physical examination, 300 for tests and procedures, etc.). Some statements in the list are directly applicable to your patient, others are irrelevant or bogus. The answer sheet is the key which tells you which information is applicable to the patient. After you have examined these pages, return to PAGE 5. 

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Read instructions on PAGE 5 FIRST. 000. Be sure you understand instructions on PAGE 5. 001. Be sure you understand instructions on PAGE 5. 002. Erase item 056 on answer sheet, and follow instructions on this 003. page for the number you erase. مد ، Be sure you understand instructions on PAGE 5. 004. Be sure you understand instructions on PAGE 5. 005. Be sure you understand instructions on PAGE 5. 006. Be sure you understand instructions on PAGE 5. 007. Be sure you understand instructions on PAGE 5. 008. And the second second second Be sure you understand instructions on PAGE 5. 009. Proceed to Instruction #2. 010. Be sure you understand instructions on PAGE 5. 011. Be sure you understand instructions on PAGE 5. 012. and the second secon Second Be sure you understand instructions on PAGE 5. 013. Be sure you understand instructions on PAGE 5. 014. and the state of the state of the Be sure you understand instructions on PAGE 5. 015. and a second Be sure you understand instructions on PAGE 5. 016. Be sure you understand instructions on PAGE 5. 017. This is just to practice erasing numbers. 018. 019. Be sure you understand instructions on PAGE 5. · · · ÷ :. 020. Be sure you understand instructions on PAGE.5. 021. Be sure you understand instructions on PAGE 5. 022. Proceed to PAGE 6. 023. Be sure you understand instructions on PAGE 5. the second s Be sure you understand instructions on PAGE 5. 024. Bessure you understand instructions on PAGE 5. and the second standard and the 025. 026. Be sure you understand instructions on PAGE 5. and the state of the second 027. Proceed to Instruction #3 on PAGE 5. للمهمية هن التركيم الحرار الماري الحرار ال Be sure you understand instructions on PAGE 5. and the second and the second 028. This is just to practice erasing numbers. ويتقايع والمنافع والمنافع والمراجع 029. Bessure you understand instructions on PAGE 5. 030. This is just to practice erasing numbers. 031. Be sure you understand instructions on PAGE 5. 032. 033. Be sure you understand instructions on PAGE 5. 034. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 035. Be sure you understand instructions on PAGE 5. 036. Be sure you understand instructions on PAGE 5. 037. Be sure you understand instructions on PAGE 5. 038. Be sure you understand instructions on PAGE 5. 039. 040. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 041. Be sure you understand instructions on PAGE 5. 042. 043. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 044. Be sure you understand instructions on PAGE 5. 045. Be sure you understand instructions on PAGE 5. 046 Be sure you understand instructions on PAGE 5. 047. 048. Be sure you understand instructions on PAGE 5. 049. Be sure you understand instructions on PAGE 5.

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### 9/28/65 1/16/68

<u>Answer Sheet</u>. The answer sheet consists of ten columns numbered from 0 to 9. The columns are made up of numbers in numerical order, ranging from 050 to 099 in column 0 to 950 to 999 in Column 9. Each of these numbers corresponds to the item with the same number on the <u>right-hand</u> page of the test booklet. To the right of each of the first four columns on the answer sheet, there is a stripe of erasable ink. Beneath this stripe there is a column of numbers in scrambled order. These concealed numbers correspond to numbered items on the <u>left-hand</u> (even numbered pages) of the test booklet. To obtain information about your patient, you must erase the proper areas in each stripe of the answer page, read the concealed numbers, then read the items with the corresponding numbers on the left-hand pages of the test booklet and be guided by the information you are given.

Exercise 3. The first column, Column 0, is for practice.

Instruction #1. On the answer sheet, in Column 0 please erase Item 050. When you have done so, Item 050 on the answer sheet should look like this:

050 003

Now look at Page 4 (opposite) and follow the instructions given for Item 003.

Instruction #2. If you followed the instructions for Item 003 on page 4, the top of Column 0 of the answer sheet should now look like this:

:		050	003
`_`	· .	°051	
		052	
		053	
		054	
		055	·
		056	010
		057	
		058	• •

• • • • •

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Now please practice erasing Items 051, 052, 053, and 054.

Instruction #3. If you have completed Instruction #2, the top of Column 0 should now look like this:

)50	003
)51	029
)52	018
)53	031
)54	027
)55	
)56	010
057	
)58	s*

Now please erase Item 055 and follow instructions.

0105

1 -at :4 nð:

5/5/67 20,62,8 82N 2 [N]

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A STATE AND A STAT - + ++ , + 5 And the second s 2027 PODE & SHOP 25 71 Scoring. The parts of this test dealing with history and physical examination have two requirements which must be completed in this order. the state of the second s FIRST: You must assign a category to each item you erase before you erase it. 

SECOND: You must erase the item in the proper column to get the information you need.

You will receive a score (positive or negative) for each numbered item in the test booklet whether you mark it or not. Please do not skip any items but consider each one carefully.

- FIRST: All items in history and physical examination fall into one of these and the second sec three categories:
  - 1. Survey items used for screening, ruling out complications, or adding to useful general information about the patient.
  - • ` 2. Indicated items. These are ones where the collection of information is directly related to the patient's problem as it has presented itself to you. For example, in a patient with a history of hypertensive disease, determining the patient's blood pressure would be clearly an "indicated" item.

. .

2 8 578

11:00

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3. Useless items. These are items which have no bearing, direct or indirect, on the patient's problem and are considered valueless even for screening or survey purposes.

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Go on to PAGE 7.

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PAGE 6

5/5/67 - Mind

1. 19 11. 2. . . , ** · Assigning Items to Categories: SECOND: . . . . . . 1. If you consider that the item you plan to erase is "survey" and is likely to be useful only for screening or for general 1.1. information or perhaps just to satisfy your curiosity, erase e4 ' the item in the column marked "survey," like this: 1,22.* * 2 3 . . . . 2.4 ۰⁻ and the second . . . I 199 143 للأومج ويتصور ولاينا المتشاجيرين الأدار المراد المراد · · · · · 2. If you consider that the item you plan to erase is "indicated" by the nature of the patient's problem as you understand it at the moment, erase the item you want in the "indicated" ·., ·. column, like this: Ī 1 3 3 3 4 , š. S and the second second second second 199 143 3. If you consider the item to be useless but harmless, leave a second the item as it stands, like this: M. C. Martin and M. C. 📲 📜 👘 🖓 👘 🖓 🖓 🖓 🖓 🖓 🖓 🖓 🖓 🖓 S <u>,</u> ' . . . . . 2.1 199 5 7.25 Andrew & Mark Contract a star with the star and the start with Changing Your Mind. ξ., . and the second Once the number on the answer sheet has been erased, it can't be · `, ) "recovered," so don't try to. and the second · • . Çć., Instruction: Proceed to consider all items on PAGES 9 and 11. · · · · · · . . Be sure to consider each item. Remember that all items are scored, Reminder: even the ones you leave unerased (the score may be positive or . . . · . . . . negative, depending on the item). · · · · · the second se • <u>_</u>_____ and the second part of the second that 5 8 A L ,你们,要好了一个人去想到 Contraction and the states of the states 11 44 Sec. 35. 1. 25 1.2.3 · · · 200 0 . . A THE STATE TO · · ·

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 $S_{\rm c}$ 

PAGE 8 North

# 1/16/68 13 234

### INFORMATION

100.	Sometimes incontinent
101.	Chronic alcoholic
102.	Living and well
103.	None
104.	Has apartment in own house the second s
105.	The set the second and the set of the second s
106.	- 茶山山
107.	
108.	
109.	Periods 12x30x5 were prolonged and irregular for 3 years before
103.	menopause at 49.
110.	Appendectomy at 23, left mastectomy at age 47
111.	
	- 「「「「「「」」」「「「「「「」」」」「「「「「」」」」」「「「」」」」」」」
112.	
113.	Asymptomatice: said with the state of the st
114.	
115.	Had cancer of (1) at age 40. She and Musband are separated.
116.	Takes 1 gm. Tolbutamide daily
117.	None
118.	High school
119.	
120.	None
121.	None Hasn't felt well?for years and the second of the second second second second second second second second second
122.	
123.	
124.	Occasional frequency, no dysuria
125.	None
126.	Lives with husband 57
127.	Diabetes 10 years duration; syphilis 15 years ago, adequately treated.
	Breast cancer 3 years ago, treated by surgery.
* ^ ^	
129.	All invEurope as there as the state of the s
130.	Has diabetes and high blood pressure
131.	Runs boarding house
132.	
133.	
134.	None
135.	
136.	a the state for the second ments mean from her) but has had
1001	The sector of the second sector which is the second sector is the second sector is the second sector is the second s
137.	→ ····································
138.	
139.	None
140.	
	Frequent occipital headaches
	Died of cancer of the womb
142 ·	Eats "what she pleases," mostly carbohydrates
	Still bleeding
	Suffers from hemorrhoids
	None noted
	Patient refuses to answer
	You can't get here from there
.149.	Living and well
,	

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PAGE 9 1 10.8 t

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#### MORE HISTORY

You may assume that the Chief Complaint and Present Illness as given are complete and correct. For additional information please select AS MANY of the items below as interest you, erase the code numbers of these items in the proper column of the answer sheet, then find the information with the corresponding code numbers on the opposite page. On the answer sheet, make your erasures in COLUMN 1.

•	Past Medical History	Illnesses	150
		Injuries	151
		Operations	152
		Pregnancies	153
	Family History	Father	154
		Mother	155
		Siblings	156
	· .	Others	157
	Social History	Schooling	158
		Occupation	159
		Home Environment	160
		Marital Situation	161
		Sex life	162
		Habits	163
			164
	System Review	General (wgt., fever, weakness, etc.)	165
		HEENT	<u>. 166</u> : 13
		CVR	167
		GI	168
		GU	169
		GYN	170
		NP	171.
		Musculoskeletal	172
		-	the stand of the stand
Make sure	vour erasures conform	to the following code:	
			, · · · · · · · · · · · · · · · · · · ·
		<u>S</u> I to a	5 20 ° 1 20 °
			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	Survey or screening		s all letter
	Tratent occontin'	l itom 199 143	
	Useless but harmles	s item 199 mm	· · · · · ·
		TAPY AND T	L É CIL 1997 L
When you	have completed your wo	rk in this section, proceed to PAGE 11	• • · · · · · · · · · · · · · · · · · ·
			化合物的复数
		1	9 - 1993 - Sto
i i i i i i i i i i i i i i i i i i i	ŧ.		1010 1121 - 1121
			1、10月 1943 · 1345
	4 2 1 1 2 - 1	e general easies interaction attractions	
		Level Brits	the standard and a state
		*	ALL ACTION
		en se anna an a	
		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	
		an a	•
		$\frac{1}{2} x^{1/2} = -\frac{1}{2} \sqrt{2} x^{1/2} x^{1$	, , , , , , , , , , , , , , , , , , ,

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INFORMATION

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			물고 도구성 가격자
200.	Not noted	الله، 1974 ( الله الله الله الله الله الله الله ال	en a seria da
201	ATT PIESene and edges	and the second	
	Mone harhante		
203.	5'6", 170 lbs.		
	Well-formed, left mastectomy scar	the second s	
205.		· · · · · ·	
206.	NOF enlarged		
207.	Fungating exophytic lesion		
208.	Intact	1	~
209.	Atrophic		
210.	Grade II changes, capillary microaneurisms		
211.	Enlarged to level of umbilicus		
212.	No abnormalities noted Supple	· · · · · · · · · · · · · · · · · · ·	
213.	Supple	and the second	
214.	2 cm wicer on posterior wail at hymenal ring		
215.	379, 80, 18, 180/112		• •
216.	379, 80, 18, 180/112 Obese		• •
217.	Not felt		
218.	Motist		
219.	Old third degree laceration		•
220.	Normal	· 4/4 7447	
221.	Not palpable		
222.			
223.	Right normal, papilledema of left disc		
224.	Undistended		•
	Physiologic		
225.	No masses or tenderness	· · · · ·	· · · · · · · · · · · · · · · · · · ·
, <i>, , ,</i> , ,	Well-formed		۰ در بره ب
228.	Well-formed	an a character and the states	and sile
	METT-deveroped'		
230.	Unobstructed		
231.	Not enlarged		
232.	Nothing abnormal Old mastectomy s ar on left: right negative;	no modés - 10 mentad	
233	Old mastectomy star on left: light hegative,	therd) and the start	
	1 cm. ulcer on left lateral wall (middle one-	counting and they and they	· · · ·
235.			· · · ·
236.	Normal size, no murmurs Within normal limits	trade war is in the transme wares	t was asked a
237.	Within normal limits	and the stand of the standard and the standard standard standard standard standard standard standard standard s	
238.	Slightly obese with old laparotomy scar	<i>'</i>	· · · · · · · · · · · · · · · · · · ·
239.	Left drum perforated		···
240.	Midline		
241.	Not noted	•	
· 5/62 .	Intact	•	· · · · · · · · · · · · · · · · · · ·
243	Moderate enlargement, totally irregular rhyth	m, no murmurs	and the second
244	No abnormalities noted	Y	
245	Confirms pelvic findings	`	
	Atrophic	۲.	۲۹۵۵ و اور 147 م م اور اور 147 م م اور اور اور
240 ·	Examination unsatisfactory	·	
447 .	Benjamaan takan caa rabart	- -	
240.	Pap smear taken, see report	· · ·	
249.	Not enlarged, mid-position	,	
		• • • • • •	

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#### GENERAL PHYSICAL ELAMINATION

Please select AS MANY of the items below as you wish to examine. In the propercolumn of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on the opposite page.

# On the answer sheet, make your erasures in COLUMN 2.

	TPR, BP	250
	Hgt., wgt.	251
	General description	252
	Skin	253
	Lymphatics	254
	Head and face	255
	Hair	256
	Eyes	257
	Ears	258
	Nose	259. 189 21.15
	Mouth, teeth, throat	260
	Neck	261
	Trachea	262
	Thyroid	263 . TEATY
	Vessels	264
	Chest.	265
and the second second second	Breasts and axillae	266
	Heart	267
and the second	Lungs	268
saust to militarilly set of the	Abdomen	269
· · · · · · · · · · · · · · · · · · ·	Liver, spleen, kidneys	270
1928 93 March 91	Masses	271
elucia conduciona, francisca da -	Tenderness	212
nang sang si ing na na na na sa	Pelvic examination	
and a second s		274
	Ext. genitalia	228-275 328-275
the second s		
and the second	Introitus and perineum	277
and an	Vagina	<u>355</u> 279
a the group of the second production of the se		and the second se
	Adnexa	281 282
	Rectal	283
	Sphincter	284 03 30 98
	Masses	285
	Back	286
	Extremities	287
	Pulses	288
	Deep tendon reflexes	289
· ·	Neurological	

Make sure your erasures conform to the following code:

	2	4
199	143	

Survey or	screening item	199 143
	, essential item	199 🗰 143
	but harmless item	199

After you have completed your work in this section, proceed to PAGE 12.

#### INSTRUCTIONS FOR DIAGNOSTIC TESTS AND PROCEDURES

Scoring. The part of this test dealing with diagnostic tests and procedures is similar to the part dealing with history and physical examination, but has an additional requirement.

You must erase the proper items in the proper category to get the information you need.

You will receive a score (positive or negative) for each numbered item in this part of the test whether you erase it or not. Please do not skip any items but consider each one carefully.

FIRST. All items fall into one of four categories:

1. <u>Survey Items</u>. These are items used for screening or survey or for ruling out complications, not directly related to the patient's primary illness.

2. <u>Indicated Items</u>. These are ones where the collection of information from diagnostic tests or procedures is directly related is to the patient's problem as it has presented itself to you.

3. Useless Items. These are diagnostic tests and procedures which have no bearing, direct or indirect, on the patient's problem but are essentially harmless. They may, however, cost the patient time, money, and minor discomfort or anxiety.

4. <u>Contraindicated Items</u>. These are tests or procedures which subject the patient to unnecessary and unjustifiable risks, rearriety, pain, or discomfort.

Go on to PAGE 13.

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> The science of the science of governa and science of the science o

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11 - A. A. . . . . 5/5/67 PAGE 13 All marsh a la set atta serve serre a consta 1.100 たかそうでにな . 282 AND THE LEAST IN A DECK SECOND. 281222 2 126× 2 28 1.166 1. If you consider that the item you plan to erase is "survey" and is useful for only screening or for general information, 1.00 or perhaps just to satisfy your curiosity, erase the item in , <u>1</u>, 7, 7 the column marked "survey," like this: 1033333333 こうやう おうさやみ (砂油)品 236 S C - 11 - 111 - 11 - 16 - 16 - 16 - 1 · 1 · 233 Clear Man and in 399 319 12:2 2 The proves of the set of states 11 88 2. If you consider that the item you plan to erase is clearly as a second . E 3 4 indicated by the nature of the patient's problem as you under-. . . stand it at the moment, erase the item in the indicated colum, 1.15 like this: あけ あた コッム かいさ デマック しょうてん きょうよう 上野 しょうぶい 13.55  $\frac{\partial \mathcal{L}}{\partial t} = \frac{\partial \mathcal{L}}{\partial t} = \frac{\partial$ ನ ನ ಕಾರ್ಯವರ್ಷವರ್ಷ ಗೆಡೆ ಮಾಡಲಾಗಿತ್ 3. If you consider the item to be useless but harmless, leave the 1 2 3 2 item as it stands, like this: - 12 × 17 Leo OAI C S I DECEMBER SERVICE STREET ST . 222 ender in wi begreiste en 📕 de la seconda de la completa da la completa da nimedia ,avisegas esperio SELADD THE ST. S. S. S. ton I was and a shapped 1118 If you consider the item to be "contraindicated," harmful, and بالمريد المرا ال not in the patient's interest, erase the item in the "contra-. . . . . indicated" column, like this: NO NUMBER WILL APPEAR 1258 ,我们的 ortately da ju <u>C</u> <u>S</u> I . . OE Z er insegation The CONTRACTOR AND A . : 22 399 , SET 中心之后应该管理 . . . C 37740-169 . #£Ç 四代之人之之〔 双合口花的 西部 网络子子 ,是夏福东的雄掌笔 1222 the is all real stand as all and the en lens an Proceed to consider all items on PAGE 15. Instructions: . 38.8 Tarona sette a cathered - Iwaleitar Be sure to consider each item. Remember that all items are Reminder: . icc scored, even the ones you leave unerased. where Juscowak , EEC. Aanaa Of REE Negative - 5. S. S. S. . 140 BVI XLEDG Chronic cervicits . S. & E. ⇒E¥€ WI MENG 、水彩花 * ? #J sale lerred stade still svizepsi . ante 571.183.90 success allyocrofy , olastication, 198, 3 M.M. CS algoright . 342 associated in the adaptics whe . 641 ( L'ALGISQUE DESSOUTÉE . . . . 02.25

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300.	Negative	
301.	Adenocarcinoma, medullary type	
302.	Negative	هر
303.	Non-reactive	.0.5.054
	Negative	ما کا شنه کس از الایکایی می ا
305.	Negative	
001		. L
307	Sanamonia cell carcinoma, invasive	
202.	Toft wontrigular hypertronhy	
	No abnormalities	
	Na 140, K 3.8, C1 98, CO ₂ 25	
	Class I; atrophic smear	
	Report not available	
e	Negative	
314.	Class IV (positive) malignant cells present Class II, estrogen effect No abnormalities	, \$
315.	Class II, estrogen errect	
316.	No abnormalities	
317.	No abnormalities F 100, 1 hr. 220, 2 hr. 190, 3 hr. 140	
318.	Hct. 36, WBC 8,000, differential normal	
319.	- , · · ,	
•	clear.	
320.	Less than 6% retention at 45 minutes.	
321.	Aortic lymph nodes are enlarged, and on blopsy and frozen section	
-	they show adenocarcinoma. Metastases to liver are also palpable. No evidence of peritoneal spread.	3 × 1
	No evidence of peritoneal spread.	• ;
322.		
323.		
	or signs of peritoneal spread.	
324.	Specific gravity 1.010, pH 5.8 glucose 2+, acetone negative, albumin	1
	positive, microscopic: occasional WBC	ر رو ان ۲۰ رو ان ۲۰
325.	Chronic cervicitis with squamous metaplasia	
326 .`	Reactive, titer 1:64.	
327.	Report not available	
328.	Reactive, titer 1:64. Report not available Chronic cervicitis	الحرب الارج الرحان الم
329.	0, Rh positive	<i></i>
,	Negative	,
	$A \mathcal{T} A$ units $/100 m$	a de la companya de l La companya de la comp
	Negative	· · ·
	Negative	· /
	Findings: same as noted elsewhere	۲. م
335.	Patient dies on operating table of pulmonary edema	eriterii.
336.	Scattered spherical ("snowball") densities in both lung fields,	n an an an ann an ann an an an an an an
		i rasbnimsk
337.		
338	Adenocarcinoma	
· · · ·	Negative	
	Positive	
	Chronic cervicitis	
	Na 120, K 5.1, C1 86, CO ₂ 11 (mEq/L)	
	Negative	
345.	Negative film. Heart normal size	
346.	Négative	
	Hematocrit 23, WBC 6,000, hypochromic, microcytic anemia	
	40% excretion in 15 minutes	
349.	Estrogenic hyperplasia	
0126	and Sta	

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#### DIAGNOSTIC STUDIES AND PROCEDURES

Please select AS MANY of the items below as you wish to examine. In the proper column of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on the opposite page.

On the answer sheet, make your erasures in COLUMN 3.

the Alton

Chemistries	Alk. phosphatase350	
(blood, serum)	Bilirubin, direct, indirect 351	
1223 F.	Glucose, 2 hr. postprandial and 352 and as	÷
· · · ·	"Electrolytes, Na, K, Ch, 602 353 months in	2
	Urea Nitrogen (BUN)354	3
Clinical &	Stool for blood, OCP355	
cytopathology Cervico	Vaginal Pap smear, a grant starter across 356	
serology	VDRL CONTRACTOR OF THE STATE OF	
Hematology	Blood group, and Rhun the Stick service 358	
	CBC M. LOUIS DEPENDED RE	
	Urinalysis, complete and databa assault360.	
X-rays	Abdomen seasonants have the same the 361	
	Barium enema	
	Chest363	, 1
	Cholecystogram 364	nes f
and the second	GISseries har she and de millione in 365 ranter T	à
Star in the star	Pelvis	
	Pyelogram (IVP)	7
	Skul1368	
· · · · · · · · · · · · · ·	Spine 3	
Procedures	BSP second to the second of the second and a	
and any of the foreign and the second s	Cystoscopy371	
	Darkfield exam for T. Pallidum 372	~
	Electrocardiogram 373 373 373	Ś.
	Examination under anesthesia374	
alete to the set of the	Freittestand than you and and in 375% :Tast	
The second s	Glucose tolerance, test tolera stated to 376 tow The	ł,
ALTO CARLED WITH	PPD or Tuberculin test and provision 377. selies	Ę
entrant and the cost of the state	Proctosigmoidoscopy	3
	PSP379	\$
	Smears for Donovan bodies380	
and the second secon	Smears for H. Ducreyi and no mail and m	
Trobuch to has been		Ħ,
	Biopsy vagina	9
元報: 注 / 14社 が13種 /13	Conization of cervix decision 384 deliver	\$
	D & C, endocervix	5
	D & C, endometrium386	. • `
	Exploratory laparotomy387	

Make sure that all your erasures conform to the following code:

	• • •
Survey or screening item	199 🖬 143
Indicated, essential item	199 🗰 143
Useless but harmless item	
Contraindicated, harmful item	199

<u>C</u><u>S</u>I

After you have completed your work in this section, proceed to PAGE 16.

PAGE 15

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#### PART II

#### YOUR DIAGNOSIS

#### DESCRIPTION OF PART_II

The test booklet. This section of the test consists of lists of primary and secondary diagnoses which you are asked to divide into three n he . . categories: St. Emerson Car

- 1. Diagnoses which have been excluded by your history, physical exam, or diagnostic tests and procedures.
- 2. Diagnoses which were not excluded by your history, physical exam, or diagnostic tests and procedures.
- 3. Diagnoses which were established or rated most likely by your history, physical examination and/or diagnostic tests and procedures.

The answer sheet. Column 4 of the answer sheet consists of a column of numbers corresponding to the code numbers of the listed diagnoses. The column of numbers is followed by two columns of spaces in which you are to erase your answers as follows:

- nan i ve ge en co disensionete 1. Column 4 EXCLUDED is for diagnoses you have excluded.
- 2. Column 4 NOT EXCLUDED is for diagnoses you have n.t excluded

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# Instructions for PAGE 17.

TE.

FIRST: From the list on the opposite page, select all the diagnoses which your workup of history and/or physical examination and/or diagnostic studies and procedures has permitted you to exclude from further consideration. Erase each of these in the Column 4 EXCLUDED of the answer sheet, at its proper number.

and have the second of the second of the second SECOND: From the list on the opposite page, select all the diagnoses which you were unable to exclude by the choices of items of history, a compared physical examination, and diagnostic tests and procedures which were available to you. Erase each of these in Column 4 NOT EXCLUDED of the

answer sheet, at its corresponding number.

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and the second sec and the second reaction of a second state rege telerisee forkalpat and the straff shale diversariant 

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COLUMN 4	
Adenoacanthoma, primary, of the endometrium	450
Adenocarcinoma, primary, of cervix	_455
Adenocarcinoma, primary of endometrium	461
Adenocarcinoma, primary of vagina	_466
Adenocarcinoma, metastatic from primary in colon de mais service de la compaña destructe de la compaña and fi 2049 anoseld de de de anosel de la compaña de la compaña de la compaña anoseld de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la compaña de la com	iccibal sanoig 7 472 daildeice 78 anigolibace 78 anigolibace 78 anigolibace 78 anigolibace 79 dino senti
Adenocarcinoma, metastatic from primary in ovary	_481 _485
Chancroid	491 492 493 494 495 495 496 497 498
Pulmonary tuberculosis, inactive Positive serology Instructions: When you have completed this page, proceed to PAGE 18.	<b></b> 499

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PAGE 18

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#### INSTRUCTIONS FOR PAGE 19

From your choice of the diagnoses which were not excluded by your workup, please indicate in the list on PAGE 19 the diagnoses which are definitely <u>established</u> or, of the choices given, <u>most likely</u>. Among competing or conflicting diagnoses, there can be only ONE which is most likely. The patient may, however, have a number of unrelated conditions in addition. Erase each of your selections in COLUMN 5 ESTABLISHED of the answer sheet, at its proper number.

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PAGE-19

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#### ESTABLISHED OR MOST LIKELY DIAGNOSES COLUMN 5

Adenoacanthoma, primary, of endometrium (stage unspe	ecifie	ed)			550
	Stage				551
(specify stage if you can)	Stage	2 II			552
	Stage	e III			553
	Stage	2 IV		الواط كالكف والتوريديني	554
Adenocarcinoma, primary of cervix (stage unspecified	d) <u>* ? ?</u>	,,			555
	Stage	e 0			556
	Stage	• I			557
(specify stage if you can)	Stage				558
	Stage	e III			559
	Stage				560
Adenocarcinoma, primary, of endometrium (stage unsp					
and examples of the second	Stage		1.5	S Ame of	1003: Lor: 562
(specify stage if you can)	Stage	) II <u>.                                   </u>	3 di	5 6 T (* 7 7 4	<u></u> 563
and the second	Stage		\$ ° 7.	s tint .	
с.	-	> IV		، مرید اندام می مرب می	565
Adenocarcinoma; primary of vagina (stage unspecified	d) <u>., rr</u>	and Berry	• -	· that the	566
	Stage	C. LEESS I.	t to	eilared	567
(specify stage if you can)	Stage	• II			568
	Stage	III			569
	Stage	2 IV			570
Adenocarcinoma, metastatic from primary in breast		·			571
		<b>••</b> ••••••••••••••••••••••••••••••••••		cervix_	
(specify spread if appropriate)					175775 573
· · · · · · · · · · · · · · · · · · ·	With	spread	to	ovaries	574
where the set of the stand of the stand of the stand of the set of	With	spread	् to	vagina_	575
Adenocarcinoma, metastatic from primary in colon	<u> </u>	<u>04 80 80 80 80 80 80 80 80 80 80 80 80 80 </u>	1.2823	1 1-24,4851	<u>x ¥¥s /c576</u>
The the second of the second s	With	spread	:: <b>to</b> .	<u>cervix</u>	t <u>bacos 5</u> //
(specify spread if appropriate)		- ,			578
				ovaries	
	With	spread	τo	vagina	
Adenocarcinoma, metastatic from primary in ovary	774				581
		-		cervix_	
(specify spread if appropriate)				lungs	583
	-	spread	EO	vagina	
Carcinoma, squamous cell of cervix (stage unspecifie					585
	-	0			586
(specify stage if you can)	_				587 588
					588 589
	-			<u> </u>	590
	Stage	• IV		وران الأكان فلدي تقصف	590 591
Chancroid					
Diabetes mellitus	· · · · · · · · · · · · · · · · · · ·			مرجعاً المنها المحسوبيين ع	592 593
Exogencus obesity				,	595 594
Granuloma inguinale					
Hypertensive vascular disease					596
Lymphopathia venereum		<u> </u>		м,	596
Pulmonary tuberculosis, active		• • • • • • • • • • • • • • • • • • •			
Pulmonary tuberculosis, inactive					
Positive serology					599

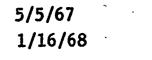
<u>Instructions</u>:

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When you have completed this and all preceding pages in Part II, proceed to PART III on PAGE 20.

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#### PART III

#### YOUR PLAN OF TREATMENT

#### DESCRIPTION OF PART III

On the basis of the information which has been made available to you, ycu should not only be able to define your patient's problems, you should also be able to outline a plan of managing this patient's major illness. This part of the test is divided into two sections.

1. Selection and sequencing of methods of therapy. PAGE 21 2. Detailed treatments within each method of therapy. PAGE 23 1 3 A 4. 4. 4 *. .* . .

#### م م م Instructions for PAGE 21.

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د. محمد مدر ۱۵ مر - ۲۰ مهمر این امان کاروریک میونیکر از در از ماده این ایران م

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and the second The opposite page offers a list of three methods of therapy in every possible combination and sequence. Please make ONE selection and record it in Column 6 of the answer sheet by erasing the overlay next to the appropriate code number. and the second and the second s n with stars of the

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· "我们这些人的,你们就是你们的你们,你们们还不是你们的,你就是我的你,我们还不能是你的吗?""你就是我们就能是你能是我们。" and the man 200 shows and be writing

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### SELECTION AND SEQUENCING OF METHODS OF THERAPY

#### COLUMN 6

### Make one choice is COLUMN 6.

#### TREATMENT

Hormonal therapy only	650	Preteins stre
Radiation therapy only	_651	
		Preste oppare
Hormonal therapy followed by radiation therapy	71	i an item to sta
Hormonal therapy followed by surgical therapy	654	. THORE
Radiation therapy followed by hormonal therapy	_655	مانی بر آرازیمان با استان بر از میران آرازیمان از این از از میران از این از از میران از میران از میران از از می این از میران از می
Radiation therapy followed by surgical therapy	_65€	
Surgical therapy followed by hormonal therapy	657	things and the
Surgical therapy followed by radiation therapy	_ <u>6</u> 58 _	tente sping right
Hormonal, then radiation, then surgical therapy		
Hormonal, then surgical, then radiation therapy	_660	S issue of
Radiation, then hormonal, then surgical therapy	_661	
Radiation, then surgical, then hormonal therapy	662	• .
Surgical, then hormonal, then radiation therapy	663	-
Surgical, then radiation, then hormonal therapy	664	Hore: 30 bare
None of those listed	665	- · · · · · · · · · · · · · · · · · · ·

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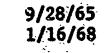
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Erase your ONE choice, then proceed to PAGE 22.

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#### INSTRUCTIONS FOR PAGE 23

TTO SERVER THE SERVER AND A CONTRACT OF THE S 135 3 Preiequisite. VIO FRATATION DELISION Yen Use the opposite page only after you have selected your sequence of the selected your sequence of treatment on PAGE 21 and recorded your choice in Column 6 of the answer Sprache Cherry tollowed by surgical thereasy sheet. trained there is bound in bound the solution whereast em reis factures of bowelles restain collaban 620 On the opposite page, select AS MANY items as you wish, but keep in minders that your choice must be related to the sequence of treatment you have previously chosen. Erase all of your choices on the answer sheet in the second filles and the second filles and the second Column 7. the stand there are the success the second states and the second s Sill market Isan the light is in the light of the second s

Note: Columns 8 and > on the enswer sheet are not used in this test.

reas your this shote, than proceed to PAGE 22.

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PAGE 23

### DETAILED TREATMENTS COLUMN 7

HORMONAL TREATMENT	_	<b>750</b> -
	Androgen therapy	751
	Estrogen therapy	
(specify therapy)	Progestational therapy	752
	Continuous estrogen-progestin th	erapy753
	Cyclic estrogen-progestin therap	y754
RADIATION TREATMENT		760
A. External (specify source)	) Conventional x-ray	760761
	Supervoltage or telecobalt	761
(specify targets	) Cancericidal dosage (>5,000r):	lung fields 762
		upper abdomen
		entire abdomen 764
		pelvic cavity 765
	Castrating dosage (<2,500r):	ovaries766
-		
3. Internal (specify source	) Vaginal ovoids	770
(radium)	Uterine tandem	771
•	Heyman's capsules	772
(specify dosages		-3,000 r773
	(from vaginal ovoids 5,000	-6,000 r774
	10,000	-12,000 r775
		)-3,000 r776
	(from Heyman's capsules 5,000	)-6,000 r777
	or tandem) 10,000	)-12,000 r778
	Dose at Point A 2,000	)-5,000 r779
	(from tandem, ovoids, and	7,500 r780
<i>,</i>	external sources)	15,000 r781
	Dose at Point B	5,000 r782
	(from all sources)	10,000 r783
	• , ,	
SURGICAL TREATMENT (For Lap	arotomy findings, see DIAGNOSTIC	PROCEDURES on PAGE 15)
	Exenteration of pelvis, anterio	)r703
	Exenteration of pelvis, poster:	Lor /80
-	Exenteration of pelvis, total_	/8/
(specify procedures)	Radical hysterectomy	/88
(opecarly proceeders)	Subtotal hysterectomy	789
	Total hysterectomy	/90
	Omentectomy	/91
	Pelvic lymph node dissection	792
,	Salpingo-oophorectomy, bilatera	a1793
	Salpingo-oophorectomy, unilate	ra1794

When you have finished this and all preceding pages, you have completed this tesc.

<

## APPENDIX. F.

### SAMPLE TEST A' (1967)

This is the latest edition of this test which has gone through the same editions as Test A (see Appendices B & E).

The decoding of this test is given in Appendix I.

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#### CLINICAL PROBLEM-SOLVING TEST

This "clinical problem solving test" consists of a case presentation in a format which is designed to test your ability and judgment in the diagnosis and treatment of the patient's disorder. You are provided with a test booklet and a special answer sheet. The two must be used together. The test is divided into three parts.

Part II. Specifying your plan of treatment for the patient.

For each part of the test, you will use a different portion of the answer sheet in a different way. You may work through the test or inspect any part of it in any order you choose, but please be careful to follow the special instructions for each section.

responsibility. You will be asked a course will scope nonesary for dispressive and creatment.

The test begins on PAGE 2.

Prepared by:

y: P. L. Wilds, M.D. and Virginia Zachert, Ph.D. Department of Obstetrics and Gynecology Medical College of Georgia Augusta, Georgia

Copyright (c) 1967, Medical College of Georgia

May 1967 (tc)

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PAGE 2

#### CLIMICAL ROBLEM-SOLVING TO CL

This "slinical problem suiving test" consists of a cost presentation is 2 construct which is designed to test .... A **CONTRACTOR SAS** ent in the standard and freedome of the partiant's slauter. For are provided with the test bookiet, and a special enormy, share, sheet. The test much be used toge ther.

A fifty-year-old woman comes to your office with a complaint of intermittent vaginal bleeding of six weeks' duration. She adds that this . I its is the first vaginal bleeding she has noted since her menopause two years . If its ago at age 48.

ond to make a contraction a set file move lass one is the fact that the loogent to rest i manual star you not the last life of the issue wolloi of local and sharing and escone povership for at it to any response to the set of the responsibility. You will be asked to specify all steps necessary for

diagnosis and treatment.

The test begins on MAR 1.

Please go on to PAGE 3.

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P. L. MLIGS, N. B. and VI. MLAN RUCKRY, LT. U. Department of Statements, and she adios, besteri Eathere as seen.

Si, March 1998

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you ask for.

Instructions for Collecting Information .c that the east the the substant of studies of the su .2 That we exclaim that the source will be and the second leaves to be been filled by the second with Purpose. Pages 9, 11, and 15 of this test, labelled MORE HISTORY, PHYSICAL EXAMINATION, and DIAGNOSTIC STUDIES AND PROCEDURES, are designed to provide you with information about the patient, but they give you only the information in initeritati el baseri A date of the second state businessed and the second Las Las icreixist Coci 🗰 🎬 1.1 Format of the Booklet. The right-hand (odd-numbered) side of each of the three pages contains a list of categories of parts of the history, parts of the physical examination, and various tests and procedures. Each item is followed by a number in the right-hand margin (HISTORY items begin with 150, PHYSICAL EXAMINATION 250, TESTS AND PROCEDURES with 350, etc.) the second and the second s STATISTICS STRATE STRATE STATE TAM C Exercise 1. Open the test booklet to page 9, 11, or 15. Inspect the righthand side of the page, then return to PAGE 3 and complete Exercise 2. Exercise 2. On the left-hand (even numbered) pages 8, 10 and 14, you will find that there is a column of numbers followed by a scrambled list of conflicting. statements about the patient. Each statement is preceded by a number (beginning with 100 for history, 200 for physical examination, 300 for tests and procedures, etc.). Some statements in the list are directly applicable to your patient, others are irrelevant or bogus. The answer sheet is the key which tells you which information is applicable to the patient. After you have examined these STREAM BULLESS SALTANT STREAM STREAM pages, return to PAGE 5. the same part is a state of the second second and the same se The serie you water contains to serie when the series of to start and address of the transmit of the start of STAT .... ALTERTATION CARGARATE WAS AND A at Rang the requiring with Nedderson and state of A STREE OF AND LOUIS MART STREET STREET AND THE STREET A it with the summarian in the state of the st . C 1922 no econocial and balling with may said at Well the tree mouthers, share and the area at · 是 "我们的一点,你们们还有了,你能是要要到你的一切?" 要要要要 樂羅 LE THE CONTRACTOR MADE MUSICATION WE HAVE THE يتسور ال 3-3-201 Back 1992 19 2 25 34 1:28 - G the set that is 1 933. 20 , 1.27



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Read instructions on PAGE 5 FIRST. 000. Be sure you understand instructions on PAGE 5. 001. Be sure you understand instructions on PAGE 5. 002. Erase item 056 on answer sheet, and follow instructions on this 003. page for the number you erase if antroallog tol tor including Be sure you understand instructions on PAGE 5. **004**. Be sure you understand instructions on PAGE 5. 005. Be sure you understand instructions on PAGE 5. 006. . ios , 11 , 8 esser . 96944 Be sure you understand instructions on PAGE 5 007. WATER ALL MANDATIL STDU Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 008. 009. Proceed to Instruction #2, 010. Be sure you understand instructions on PAGE 5. 011. Be sure you understand instructions on PAGE 5. 2013月15-112 17 201112 012. 11 37. 013. Be sure you understand instructions on PACE 5 trogeness in fall & mildling begin Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 014. Be sure you understand instructions on PAGE 5. 015. Be sure you understand instructions on PAGE 5. 016. 017. This is just to practice erasing numbers. 018. Be sure you understand instructions on PAGE 5. 019. épen ma cast veré Be sure you understand instructions on PAGE.5. ison as a spag. As to ask bits 020. Be sure you understand instructions on PAGE 5. 021. Proceed to PAGE 6. 022. Be sure you understand instructions on PAGE 5. 5 281222 023. on the Left-ward to Be sure you understand instructions on PAGE 5. ters in hospital a bl start the 024. Be sure you understand instructions on PAGE 5. . Inex ling and there is a state of the 025. 026. Be sure you understand instructions on PACE 5. 027. Proceed to Instruction #3 on PACE 5. 19. ret dus "paciers vos der inte 2123 114.23(1):532378 28 28 Be sure you understand instructicus on PAGE 5. engod in the colorid and article 028. This is just to practice erasing numbers. slopinique et noi isantini doit 029. Be sure you understand instructions on PAGE 5 W TAS OF SALAR AND 030 . This is just to practice erasing numbers. 031. Be sure you understand instructions on PAGE 5. 032. Be sure you understand instructions on PAGE 5. 033. Be sure you understand instructions on PAGE 5. 034. Be sure you understand instructions on PAGE 5. 035. Be sure you understand instructions on PAGE 5. 036. Be sure you understand instructions on PAGE 5. 037. Be sure you understand instructions on PAGE 5. 038. Be sure you understand instructions on PAGE 5. 039. Be sure you understand instructions on PAGE 5. 040. Be sure you understand instructions on PAGE 5. 041. Be sure you understand instructions on PAGE 5. 042. Be sure you understand instructions on PAGE 5. 043. Be sure you understand instructions on PAGE 5. 044. Be sure you understand instructions on PAGE 5. 045. Be sure you understand instructions on PAGE 5. 046. Be sure you understand instructions on PAGE 5. 047. 048. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 049.

#### 

Answer Sheet. The answer sheet consists of ten columns numbered from 0 to 9. The columns are made up of numbers in numerical order, ranging from 050 to 099 in column 0 to 950 to 999 in Column 9. Each of these numbers corresponds to the item with the same number on the <u>right-hand</u> page of the test booklet. To the right of each of the first four columns on the answer sheet, there is a stripe of erasable ink. Beneath this stripe there is a column of numbers in scrambled order. These concealed numbers correspond to numbered items on the <u>left-hand</u> (even numbered pages) of the test booklet. To obtain information about your patient, you must erase the proper areas in each stripe of the answer page, read the concealed numbers, then read the items with the corresponding numbers on the left-hand pages of the test booklet and be guided by the information you are given.

Exercise 3: The first column, Column 0, is for practice. To guid any solution with

Instruction #1. On the answer sheet, in Column 0 please erase Item 050. When you have done so, Item 050 on the answer sheet should hook like this:

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Now look at Page 4 (opposite) and follow the instructions given for Item 003. Instruction #2. If you followed the instructions for Item 003 on

page 4, the top of Column 0 of the answer sheet should now look

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052 053 054	
055	
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058	

Now please practice erasing Items 051, 052, 053, and 054.

<u>Instruction #3</u>. If you have completed Instruction #2, the top of Column 0 should now look like this:

050	003
051	029
052	018
053	031
054	027
055	
056	010
057	
058	

Now please erase Item 055 and follow instructions.

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系统的过去式

Scoring. The parts of this test dealing with history and physical examination have two requirements which must be completed in this order.
FIRST: You must assign a category to each item you erase before you erase it.
SECOND: You must erase the item in the proper column to get the information you need.

You will receive a score (positive or negative) for each numbered item in the test booklet whether you mark it or not. Please do not skip any items but consider each one carefully.

FIRST: All items in history and physical examination fall into one of these three categories:

- 1. <u>Survey items</u> used for screening, ruling out complications, or adding to useful general information about the patient.
- 2. <u>Indicated items</u>. These are ones where the collection of information is directly related to the patient's problem as it has presented itself to you. For example, in a patient with a history of hypertensive disease, determining the patient's blood pressure would be clearly an "indicated" item.

3. <u>Useless items</u>. These are items which have no bearing, direct or indirect, on the patient's problem and are considered valueless even for screening or survey purposes.

Go on to PAGE 7.

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Southas Laoon in 1999 <u>, 401</u> 120 oiledoole cinetab -\$0£ live the sale self . C 🗄 🗄 9710% SECOND: Assigning Items to Categories: .205 allong the standard the second the second the second the second s If you consider that the item you plan to erase is "survey" **花母钟**, 1. , 097 and is likely to be useful only for screening or for general 、彩白金 information or perhaps just to satisfy your curiosity, erase 5 386 the item in the column marked "survey," like this: while a start the survey of the this will be the survey of the this will be the survey of the this will be the survey of the the survey of the surv - SPS ersted enser 2 rol solutions has had The the section of the SRIGH ,ozi , stat he creraciona 199 143 ÷. 20. b. . (so 1999) an , seteentoot ÷ ₹ ₹ If you consider that the item you plan to erase is "indicated" 2. . 253 by the nature of the patient's problem as you understand it 3.4% at the moment, erase the item you want in the "indicated" column, like this: 1. 生物 750537 ilst affeired of the later . 23.3 OF ABS TO TEAL OF THAT IS TO BELLES TO BELLES · Liveou de Ra A Fight to the state of the sta <u>.</u>232 143 199 2051 98 N 1 20 2 T TELSA If you consider the item to be useless but harmless, leave 3. . ŠS. I SHO! the item as it stands, like this: "ennetto ada" 1681 C. F 282 L the state of the same 199 / 22 . ? ? erre in the case wie service the a fuelderse instantionat at 4881 Changing Your Mind. sector at The Once the number on the enswer sheet has been erased, it can't be 、急急 124 "recovered," so don't try to. . XE.I. the states and the 121 and the case straight a pair country 198 4. 8 . 481 Proceed to consider all items on PAGES 9 and 11, the second secon FET Instruction: alger a trained in Larrow that , *", "*" Reminder: Be sure to consider each item. Remember that all items are scored, 4.4 even the ones you leave unerased (the score may be positive or 3306 . . . . . negative, depending on the item). 一点就你了一些这道是"老你一边的这个是做就是算他就能是 . :đí į * . . S. 1 1. 25 ふ忘れ State State State  $|\cdot||_{L^{2}}^{2} \leq$ 

PAGE 8'

INFORMATION

不認定して

Sometimes incontinent 100. 101. Chronic alcoholic 102. Living and well The set of 103. None 104. Has apartment in own house and the main add while the there was the set 105. Uses Ex-lax occasionally 105. Always "nervous" 107. College graduate 106. Always "nervous" 108. Frequent backache Periods 12x30x5, were prolonged and irregular for 3 years before 109. menopause at 48 110. None 111. No operations 化酸盐 计算法 经公司 112. Teetotaler, on 1800 cal. diet 113. Wears glasses for reading a constant in the a way we 114. Asymptomatic 115. Diabetes 10 years duration; syphilis 15 years ago, adequately treated; breast cancer 8 years ago, treated by surgery Takes 1 gm. Tolbutamide daily 116. 117. Appendectomy at 23, left mastectomy at age 40 118. High school 119. Usual childhood diseases only 1 - ANN AN 120. None 121. Hasn't felt well for years A CARLES AND A CARLES 122. . . 2 and a provide state None 123. Has been taking "female hormone" pills for years for "the change" 124. Occasional frequency, no dysuria 125. None . 126. Lives with husband 57 NASS CARL THE 127. Has diabetes and high blood pressure 128. No information available 129. All in Europe 130. Had cancer of (?) at age 46, and is separated from spouse 131. Runs boarding house 132. No recent change 133. Spouse died 4 years ago of Tbc. 134. None Gross hematuria (one day episode) 2 months ago 135. Regular and satisfactory (friend rents room from her), but has had 136. postcoital bleeding for 6 weeks 137. Severe Severe shortness of breath and minimal excretion 138. 139. None 140. Sometimes has palpitations 141. Frequent occipital headaches 142. Died of cancer of the womb 143. Eats "what she pleases," mostly carbohydrates 144. Still bleeding 145. Suffers from hemorrhoids 146. None noted 147. Patient refuses to answer You can't get here from there 148. 149. Living and well

### 5/5/67

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#### MORE HISTORY

You may assume that the Chief Complaint and Present Illness as given are complete and correct. For additional information please select AS MANY of the items below as interest you, <u>erase</u> the code numbers of these items in the proper column of the answer sheet, then find the information with the corresponding code numbers on the opposite page. On the answer sheet, make your erasures in <u>COLUMN 1</u>.

Past Medical History	Illnesses	150
rast medical mideory	Injuries	151
	Operations	152
	Pregnancies	153
Family History	Father	154
ramily miscoly	Mother	155
	Siblings	156
	Others	157
Social History	Schooling	158
Social miscory	Occupation	159
	Home Environment	160
	Marital Situation	161
	Sex life	162
	Habits	163
	Drugs and Medicines	164
System Review	General (wgt., fever, weakness, etc.)	165
System Review	HEENT	166
	CVR	167
	GI	168
	GU	169
	GU	170
	NP	<u> </u>
	NP Musculoskeletal	
	Musculoskeletal	

Make sure your erasures conform to the following code:

#### <u>s</u> I

Survey or screening item	199 143 🗱
Indicated, essential item	199 🗰 143
Jseless but harmless item	199

When you have completed your work in this section, proceed to PAGE 11.

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Automation and Barrister -1 - Propulses

PAGE 10¹

#### INFORMATION

200. Not noted 201. All present and equal 202. None palpable 203. 5'0", 190 lbs. 204. Well-formed 205. Not enlarged 206. Not enlarged 207. Fungating exophytic lesion 208. Intact 209. Atrophic 210. Grade II changes, capillary microaneurisms 211. Enlarged to level of umbilicus 212. No abnormalities noted 213. Supple 214. 2 cm. ulcer on posterior wall at hymenal ring 215. 37°, 80, 18, 180/112 216. Obese 217. Not felt 218. Moist 219. Old third degree laceration 220. Normal 221. Not palpable 222. Unremarkable 223. Right normal, papilledema of left disc 224. Undistended 225. Physiologic 226. Old mastectomy scar on left; right negative. No nodes. 227. Well-formed 228. Well-formed 229. Well-developed, obese W. F. 230. Unobstructed 231. Not enlarged 232. Nothing abnormal 233. No abnormalities 234. Atrophic 235. Distended, tympanitic with hyperactive bowel sounds 236. Normal size, no murmurs 237. Within normal limits 238. Tremendously obese with old laparotomy scar 239. Left drum perforated 240. Midline 241. Not noted 242. Intact 243. Moderate enlargement, totally irregular rhythm, no murmurs 244. No abnormalities noted 245. Confirms pelvic findings 246. Atrophic 247. Examination unsatisfactory 248. Pap smear taken, see report 249. Not enlarged, mid-position

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#### 5/5/67

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#### GENERAL PHYSICAL EXAMINATION

Please select AS MANY of the items below as you wish to examine. In the proper column of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on the opposite page.

On the answer sheet, make your erasures in COLUMN 2.

TPR, BP	250
Hgt., wgt.	251
General description	252
Claim	253
Lymphatics	254
Head and face	255
Hair	256
Eyes	257
Ears	258
	259
Nose Mouth, teeth, throat	260
Neck	261
Trachea	262
Thyroid	263
Vessels	264
Chest	265
Breasts and axillae	266
Heart	267
Lungs	268
Abdomen	269
Liver, spleen, kidneys	270
Masses	271
Tenderness	272
Pelvic examination	273
Hair distribution	
Ext. genitalia	
SUB glands	276
Introitus and perineum	277
Vagina	278
Cervix	279
Uterus	280
Adnexa	281
Rectal	282
Sphincter	283
Masses	284
Back	285
Extremities	286
- 1	287
Pulses Deep tendon reflexes	288
Neurological	289

Make sure your erasures conform to the following code:

### <u>s</u> <u>i</u>

Survey or screening item199 143Indicated, essential item199 143Useless, but harmless item199 143

After you have completed your work in this section, proceed to PAGE 12.

5/5/67

#### INSTRUCTIONS FOR DIAGNOSTIC TESTS AND PROCEDURES

Scoring. The part of this test dealing with diagnostic tests and procedures is similar to the part dealing with history and physical examination, but has an additional requirement.

> You must erase the proper items in the proper category to get the information you need.

You will receive a score (positive or negative) for each numbered item in this part of the test whether you erase it or not. Please do not skip any items but consider each one carefully.

FIRST. All items fall into one of four categories:

- 1. <u>Survey Items</u>. These are items used for screening or survey or for ruling out complications, not directly related to the patient's primary illness.
- 2. <u>Indicated Items</u>. These are ones where the collection of information from diagnostic tests or procedures is directly related to the patient's problem as it has presented itself to you.
- 3. <u>Useless Items</u>. These are diagnostic tests and procedures which have no bearing, direct or indirect, on the patient's problem but are essentially harmless. They may, however, cost the patient time, money, and minor discomfort or anxiety.
- 4. <u>Contraindicated Items</u>. These are tests or procedures which subject the patient to unnecessary and unjustifiable risks, anxiety, pain, or discomfort.

Go on to PAGE 13.

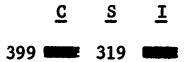
5/5/67

SECOND.

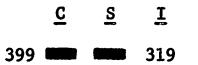
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1. If you consider that the item you plan to erase is "survey" and is useful for only screening or for general information, or perhaps just to satisfy your curiosity. erase the item in the column marked "survey," like this:

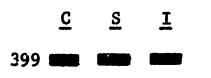
ι



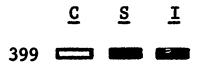
2. If you consider that the item you plan to erase is clearly <u>indicated</u> by the nature of the patient's problem as you understand it at the moment, erase the item in the indicated colum, like this:



3. If you consider the item to be useless but harmless, leave the item as it stands, like this:



4. If you consider the item to be "contraindicated," harmful, and not in the patient's interest, erase the item in the "contraindicated" column, like this: <u>NO NUMBER WILL APPEAR</u>



Instructions: Proceed to consider all items on PAGE 15.

<u>Reminder</u>: Be sure to <u>consider</u> <u>each item</u>. Remember that <u>all items</u> <u>are</u> <u>scored</u>, even the ones you leave unerased.

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	Negative
301.	Not indicated
302.	Negative
303.	Non-reactive
304.	Negative
305.	Negative
306.	Negative
307.	Squamous cell carcinoma, invasive
308.	Left ventricular hypertrophy
309.	No abnormalities
310.	
311.	
312.	Report not available
	Negative
314.	Class II. estrogen effect
315.	
316	No abnormalities
317	F 100, 1 hr. 220, 2 hr. 190, 3 hr. 140
318.	Hat 26 IBC 8 000 differential normal
319.	A = A = A = A = A = A = A = A = A = A =
517.	shadow absent.
320	Tess than 6% retention at 45 minutes
321.	
J21 •	or signs of peritoneal spread.
322	
323.	Agentic lymph nodes are enlarged, and on blopsy and irozen sections
J2J •	they show adenocarcinoma. Metastases to liver are also palpable.
	times of porteonol enread
324.	No evidence of peritoneal spread. Specific gravity 1.010, pH 5.8, glucose 2+, acetone negative, albumin
J24.	positive, microscopic: occasional WBC
325.	
	Reactive, titer 1:64
320.	Report not available
327.	Adenocarcinoma
	0, Rh positive
	Negative
330.	4 K-A units/100 ml.
	Negative
	Negative
334	Findings: same as noted elsewhere
225	Patient dies on operating table of pulmonary edema
2223	Negative film. Heart normal size.
220.	Adenocarcinoma
220	F 80, 1 hr. 110, 2 hr. 68, 3 hr. 80
	10 mg%
	-
	Negative Positive
	Chronic cervicitis
J42. 272	Na 120, K 5.1, C1 86, CO ₂ 11 (mEq/L)
	Negative
	Negative Scattered spherical ("snowball") densities in both lung fields,
345.	minimum cardiac enlargement
211	
346.	Negative Hematocrit 23, WBC 6,000, hypochromic, microcytic anemia
347.	$\frac{1000}{100} = \frac{1000}{100} = 10$
548.	40% excretion in 15 minutes
549.	Estrogenic hyperplasia

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#### DIAGNOSTIC STUDIES AND PROCEDURES

Please select AS MANY of the items below as you wish to examine. In the proper column of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on the opposite page.

On the answer sheet, make your erasures in COLUMN 3.

Chemistries	Alk. phosphatase	350
(blood, serum)	Bilirubin, direct, indirect	351
(02000) 000000	Glucose, 2 hr. postprandial	352
	Electrolytes, Na, K, C1, CO2	353
	Urea Nitrogen (BUN)	354
Clinical &	Stool for blood, OCP	355
	Lco Vaginal Pap smear	356
serology	VDRL	357
Hematology	Blood group, and Rh	358
nematorogy	CBC	359
Urine tests	Urinalysis, complete	
X-rays	Abdomen	361
A-lay5	Barium enema	362
	Chest	363
	Cholecystogram	364
	GI series	365
-	Pelvis	366
	Pyelogram (IVP)	
	Skul1	
	Spine	369
Procedures	BSP	
110CCud100	Cystoscopy	371
	Darkfield exam for T. Pallidum	372
	Electrocardiogram	373
	Examination under anesthesia	374
	Frei test	375
	Glucose tolerance test	376
	PPD or Tuberculin test	377
	Proctosigmoidoscopy	378
	PSP	379
	Smears for Donovan bodies	380
,	Smears for H. Ducreyi	
Diagnostic Surgery	Biopsy cervix (punch)	382
Dragnostic surgery	Biopsy vagina	383
	Conization of cerv1x	384
	D & C, endocervix	385
	D & C, endometrium	386
	Exploratory laparotomy	387
	Tuhraracarl raharagaml	

Make sure that all your erasures conform to the following code:

Survey or screening item	199 •••• 143
Indicated, essential item	199 143
Useless but harmless item	199
Contraindicated, harmful item	199

After you have completed your work in this section, proceed to PAGE 16.

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#### PART II

#### YOUR DIAGNOSIS

#### DESCRIPTION OF PART II

The test booklet. This section of the test consists of lists of primary and secondary diagnoses which you are asked to divide into three categories:

- 1. Diagnoses which have been <u>excluded</u> by your history, physical exam, or diagnostic tests and procedures.
- 2. Diagnoses which were not excluded by your history, physical exam, or diagnostic tests and procedures.
- 3. Diagnoses which were <u>established</u> or rated <u>most likely</u> by your history, <u>physical</u> examination and/or diagnostic tests and procedures.

The answer sheet. Column 4 of the answer sheet consists of a column of numbers corresponding to the code numbers of the listed diagnoses. The column of numbers is followed by two column's of spaces in which you are to erase your answers as follows:

- 1. Column 4 EXCLUDED is for diagnoses you have excluded.
- 2. Column 4 NOT EXCLUDED is for diagnoses you have not excluded.

#### Instructions for PAGE 17,

2

FIRST: From the list on the opposite page, select <u>all</u> the diagnoses which your workup of history and/or physical examination and/or diagnostic studies and procedures has permitted you to <u>exclude</u> from further consideration. Erase <u>each</u> of these in the Column 4 EXCLUDED of the answer sheet, at its proper number.

SECOND: From the list on the opposite page, select <u>all</u> the diagnoses which you were <u>unable to exclude</u> by the choices of items of history, physical examination, and diagnostic tests and procedures which were available to you. Erase each of these in Column 4 NOT EXCLUDED of the answer sheet, at its corresponding number.

PAGE 16

PAGE 17 9/28/65 1/16/68 LIST OF DIAGNOSES COLUMN 4 Adenoacanthoma, primary, of the endometrium_____ 450 455 Adenocarcinoma, primary, of cervix_____ Adenocarcinoma, primary of endometrium_____ 461 466 Adenocarcinoma, primary of vagina_____ Adenocarcinoma, metastatic from primary in breast_____ 471 Adenocarcinoma, metastatic from primary in colon_____ 476 481 Adenocarcinoma, metastatic from primary in ovary_____ 485 Carcinoma, squamous cell, of cervix_____ 401

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499

Instructions: When you have completed this page, proceed to PAGE 18.

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#### INSTRUCTIONS FOR PAGE 19

From your choice of the diagnoses which were not excluded by your workup, please indicate in the list on PAGE 19 the diagnoses which are definitely <u>established</u> or, of the choices given, <u>most likely</u>. Among competing or conflicting diagnoses, there can be only ONE which is most likely. The patient may, however, have a number of unrelated conditions in addition. Erase each of your selections in COLUMN 5 ESTABLISHED of the answer sheet, at its proper number.

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#### ESTABLISHED OR MOST LIKELY DIAGNOSES COLUMN 5

Adenoacanthoma, primary, of endometrium (stage unspe	ecifie	d)			550
Adendaranenoma, primer, or one one of the on	Stage	I			551
(specify stage if you can)	Stage	īI			552
	Stage	III			553
	Stage	IV			554
Adenocarcinema, primary of cervix (stage unspecified	d)				555
	Stage	0			556
	Stage	I			557
(specify stage if you can)	Stage	II			558
	Stage	III			559
		IV			560
Adenocarcinoma, primary, of endometrium (stage unsp	ecifie	d)			561
	Stage	I			562
(specify stage if you can)	Stage	II			563
	Stage				564
	Stage	IV			565
Adenocarcinoma, primary of vagina (stage unspecified	d)				566
	Stage	I			567
(specify stage if you can)	Stage	II	-		568
	-				569
	Stage	• IV			570
Adenocarcinoma, metastatic from primary in breast					571
				cervix	572
(specify spread if appropriate)		-	•	lungs	573
				ovaries	574
	With			vagina	575
Adenocarcinoma, metastatic from primary in colon				<u>*</u>	576
				cervix	577
(specify spread if appropriate)				lungs	578 579
				ovaries	580
	With	spread	τo	vagina	
Adenocarcinoma, metastatic from primary in ovary	7711.				
	WICN	spread		cervix	•583
(specify spread if appropriate)	WICH	spread		lungs vagina	
Carcinoma, squamous cell of cervix (stage unspecifi					586
	Stage	, T			<u> </u>
(specify stage if you can)	Stage	; <u> </u>	_		588
	Stage	* <u>11</u> * TTT	وي موارومو		589
					590
	-			المتليب ويستري فناليا براعنا ومستري والمتعاون	591
Chancroid		يانى تاليان ايىسى سىبىت		فيتشبونك بيبيانية الكالاتين والقادين	592
Diabetes mellitus					593
Exogenous obesity		<u> </u>		والمترافة المتعاولين والمتعادية والمتعاولين والمتعاولين	594
Granuloma inguinale				······································	595
Hypertensive vascular disease					596
Lymphopathia venereum					597
Pulmonary tuberculosis, active					598
Pulmonary tuberculosis, inactive					599
Positive serology				ويحمون من	······································

<u>Instructions</u>: When you have completed this and all preceding pages in Part II, proceed to PART III on PAGE 20.

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#### PART III

#### YOUR PLAN OF TREATMENT

#### DESCRIPTION OF PART III

On the basis of the information which has been made available to you, you should not only be able to define your patient's problems, you should also be able to outline a plan of managing this patient's major illness. This part of the test is divided into two sections.

1. Selection and sequencing of methods of therapy. PAGE 21

2. Detailed treatments within each method of therapy. PAGE 23

#### Instructions for PAGE 21.

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The opposite page offers a list of three methods of therapy in every possible combination and sequence. Please make ONE selection and record it in Column 6 of the answer sheet by erasing the overlay next to the appropriate code number.

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	م م	19. J. S. S.	39 -	্রাবুর	ŧ Ťľ	bass.	: 12 ¹⁹	· · · · ·	<b>.</b> .	
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,			SLARER I STALL BETTER I STALL IN THE STALL STAL	33
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	N. P -	- 4	REPARATION AND A REAL AND A	sy î
+ <b>v</b>	· ·	No. of the transformer of the top to a second se	wind the second se	<b>3</b> /5
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PAGE 21

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### SELECTION AND SEQUENCING OF METHODS OF THERAPY

### COLUMN 6

### Make one choice in COLUMN 6.

#### TREATMENT

Hormonal therapy only	650
Radiation therapy only	651
Surgical therapy only	652
Hormonal therapy followed by radiation therapy	653
Hormonal therapy followed by surgical therapy	654
Radiation therapy followed by hormonal therapy	655
Radiation therapy followed by surgical therapy	656
Surgical therapy followed by hormonal therapy	657
Surgical therapy followed by radiation therapy	658
Hormonal, then radiation, then surgical therapy	659
Hormonal, then surgical, then radiation therapy	660
Radiation, then hormonal, then surgical therapy	651
Radiation, then surgical, then hormonal therapy	662
Surgical, then hormonal, then radiation therapy	663
Surgical, then radiation, then hormonal therapy	664
None of those listed	665

Erase your ONE choice, then proceed to PAGE 22.

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INSTRUCTIONS FOR PAGE 23

Prerequisite.

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Use the opposite page <u>only</u> after you have selected your sequence of treatment on PAGE 21 and recorded your choice in Column 6 of the answer sheet.

On the opposite page, select AS MANY items as you wish, but keep in mind that your choice must be related to the sequence of treatment you have previously chosen. Erase all of your choices on the answer sheet in Column 7.

Note: Columns 8 and 9 on the answer sheet are not used in this test.

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PAGE 23

#### DETAILED TREATMENTS COLUMN 7

HORMONAL TREATMENT		
	Androgen therapy	750
]	Estrogen therapy	751
(specify therapy)	Progestational therapy	752
	Continuous estrogen-progestin ther	
	Cyclic estrogen-progestin therapy_	754
RADIATION TREATMENT	Conventional verav	760
A. External (specify source)	Supervoltage or telecobalt	761
(another targets)		lung fields 762
(specify largels)		upper abdomen 763
		entire abdomen 764
		pelvic cavity765
		ovaries766
	Uastrating ausage ( 23,5002).	
B. Internal (specify source)	Vaginal ovoids	770
(radium)	Uterine tandem	771
•	Heyman's capsules	772
(specify dosages)		,000 r773
	(from vaginal ovoids 5,000-6	,000 r774
	-	2,000 r775
		,000 r776
	(from Heyman's capsules 5,000-6	
	•	2,000 r778
	Dose at Point A 2,000-5	
	(from tandem, ovoids, and 7	
		,000 r781
		,000 r782
,	(from all sources) 10	,000 r783
	TACNOSTIC DR	OCEDURES on PAGE 15)
SURGICAL TREATMENT (For Lapa:	rotomy findings, see DIAGNOSTIC PR	· 785
	Exenteration of pelvis, anterior_ Exenteration of pelvis, posterior	القائلية والاستخفار المستوانين فينافا الفاريسي والبنا والمتراج
		and the second
	Exenteration of pelvis, cotal	
(specify procedures)	Radical hysterectomy Subtotal hysterectomy	
	Total hysterectomy	
	Omentectomy Pelvic lymph node dissection	7,92
	Salpingo-oophorectomy, bilateral	
	Salpingo-oophorectomy, unilateral	
	parhinko-ochnoicecomà, antiscerar	

When you have finished this and all preceding pages, you have completed this test.

## APPENDIX G

### SAMPLE TEST A (1967)

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This is the latest edition of this test which has gone through the same editions as Test A (see Appendices B & E).

The decoding of this test is given in Appendix I.

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## CLINICAL PROBLEM-SOLVING TEST

This "clinical problem solving test" consists of a case presentation in a format which is designed to test your ability and judgment in the diagnosis and treatment of the patient's disorder. You are provided with a test booklet and a special answer sheet. The two must be used together. The test is divided into three parts.

Collecting information about the patient. Part I. Defining the patient's diagnosis. Part II. Part III. Specifying your plan of treatment for the patient.

For each part of the test, you will use a different portion of the answer sheet in a different way. You may work through the test or inspect any part of it in any order you choose, but please be careful to follow the special instructions for each section.

The test begins on PAGE 2.

Prepared by: P. L. Wilds, M.D. and Virginia Zachert, Ph.D. Department of Obstetrics and Gynecology Medical College of Georgia Augusta, Georgia

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May 1967 (tc)

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PAGE 1

CASE PRESENTATION

A fifty-year-old woman comes to your office with a complaint of intermittent vaginal bleeding of six weeks' duration. She adds that this is the first vaginal bleeding she has noted since her menopause two years ago at age 48.

In this test, the further management of this patient is your responsibility. You will be asked to specify all steps necessary for diagnosis and treatment.

Please go on to PAGE 3.

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## Instructions for Collecting Information

Purpose. Pages 9, 11, and 15 of this test, labelled MORE HISTORY, PHYSICAL EXAMINATION, and DIAGNOSTIC STUDIES AND PROCEDURES, are designed to provide you with information about the patient, but they give you only the information you ask for.

Format of the Booklet. The right-hand (odd-numbered) side of each of the three pages contains a list of categories of parts of the history, parts of the physical examination, and various tests and procedures. Each item is followed by a number in the right-hand margin (HISTORY items begin with 150, PHYSICAL EXAMINATION 250, TESTS AND PROCEDURES with 350, etc.)

Exercise 1. Open the test booklet to page 9, 11, or 15. Inspect the righthand side of the page, then return to PAGE 3 and complete Exercise 2.

Exercise 2. On the left-hand (even numbered) pages 3, 10 and 14, you will find that there is a column of numbers followed by a scrambled list of conflicting statements about the patient. Each statement is preceded by a number (beginning with 100 for history, 200 for physical examination, 300 for tests and procedures, etc.). Some statements in the list are directly applicable to your patient, others are irrelevant or bogus. The answer sheet is the key which tells you which information is applicable to the patient. After you have examined these pages, return to PAGE 5. S. Fr. Es

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9/28/65 1/16/68

Read instructions on PAGE 5 FIRST. 000. Be sure you understand instructions on PAGE 5. 001. Be sure you understand instructions on PAGE 5. 002. Erase item 056 on answer sheet, and follow instructions on this 003. page for the number you erase. Be sure you understand instructions on PAGE 5. 004. Be sure you understand instructions on PAGE 5. 005. Be sure you understand instructions on PAGE 5. 006. Be sure you understand instructions on PAGE 5. C07。 008. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 009. Proceed to Instruction #2. 010. 011. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 012. Be sure you understand instructions on PAGE 5. 013. 014. Be sure you understand instructions on PAGE 5. 015. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 016. Be sure you understand instructions on PAGE 5. 017. 018. This is just to practice erasing numbers. 019. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE.5. 020. Be sure you understand instructions on PAGE 5. 021. 022. Proceed to PAGE 6. Be sure you understand instructions on PAGE 5. 023. Be sure you understand instructions on PAGE 5. 024. Be sure you understand instructions on PAGE 5. 025. Be sure you understand instructions on PAGE 5. 026. Proceed to Instruction #3 on PAGE 5. 027. Be sure you understand instructions on PAGE 5. 028. This is just to practice erasing numbers. 029. Be sure you understand instructions on PAGE 5. 030. This is just to practice erasing numbers. 031. Be sure you understand instructions on PAGE 5. 032. Be sure you understand instructions on PAGE 5. 033. Be sure you understand instructions on PAGE 5. 034. Be sure you understand instructions on PAGE 5. 035. 036. Be sure you understand instructions on PAGE 5. 037. Be sure you understand instructions on PAGE 5. 038. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 039. Be sure you understand instructions on PAGE 5. 040. Be sure you understand instructions on PAGE 5. 041. Be sure you understand instructions on PAGE 5. 042. Be sure you understand instructions on PAGE 5. 043. Be sure you understand instructions on PAGE 5. 044. Be sure you understand instructions on PAGE 5. 045. Be sure you understand instructions on PAGE 5. 046. 047. Be sure you understand instructions on PAGE 5. Be sure you understand instructions on PAGE 5. 048. 049. Be sure you understand instructions on PAGE 5.

## 9/28/65 1/16/68

Answer Sheet. The answer sheet consists of ten columns numbered from 0 to 9. The columns are made up of numbers in numerical order, ranging from 050 to 099 in column 0 to 950 to 999 in Column 9. Each of these numbers corresponds to the item with the same number on the right-hand page of the test booklet. To the right of each of the first four columns on the answer sheet, there is a stripe of erasable ink. Beneath this stripe there is a column of numbers in scrambled order. These concealed numbers correspond to numbered items on the left-hand (even numbered pages) of the test booklet. To obtain information about your patient, you must erase the proper areas in each stripe of the answer page, read the concealed numbers, then read the items with the corresponding numbers on the left-hand pages of the test booklet and be guided by the information you are given.

Exercise 3. The first column, Column 0, is for practice.

Instruction #1. On the answer sheet, in Column 0 please erase Item 050. When you have done so, Item 050 on the answer sheet should look like this:

### 050 003

Now look at Page 4 (opposite) and follow the instructions given for Item 003.

Instruction #2. If you followed the instructions for Item 003 on page 4, the top of Column 0 of the answer sheet should now look like this:

050	003
051	
052	
053	
054	
055	
056	010
057	•
058	

Now please practice erasing Items 051, 052, 053, and 054.

Instruction #3. If you have completed Instruction #2, the top of Column 0 should now look like this:

PAGE 5

1 1 10 da da

Scoring. The parts of this test dealing with history and physical examination have two requirements which must be completed in this order.

FIRST: You must assign a category to each item you erase before you erase it.

SECOND: You must erase the item in the proper column to get the information you need.

You will receive a score (positive or negative) for each numbered item in the test booklet whether you mark it or not. Please <u>do not skip any items</u> but consider each one carefully.

- FIRST: All items in history and physical examination fall into one of these three categories:
  - 1. <u>Survey items</u> used for screening, ruling out complications, or adding to useful general information about the patient.
  - 2. <u>Indicated items</u>. These are ones where the collection of information is directly related to the patient's problem as it has presented itself to you. For example, in a patient with a history of hypertensive disease, determining the patient's blood pressure would be clearly an "indicated" item.

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3. <u>Useless items</u>. These are items which have no bearing, direct or indirect, on the patient's problem and are considered valueless even for screening or survey purposes.

Go on to PAGE 7.

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		. None	101
SECOND:	<u>A88</u>	signing Items to Categories:	
		the second se	. 201
	1.	If you consider that the item you plan to erase is "survey"	691
		and is likely to be useful only for screening or for general	Tet.
		information or perhaps just to satisfy your curiosity, erase	
		the item in the column marked "survey," like this.	.tot-
		the second of th	
		S I	EFE
		the second states and	
		199 143 mm jelb is will no the states	
	2.	If you consider that the item you plan to erase is "indicated"	
		by the nature of the patient's problem as you understand It	:011
-	, 093)	at the moment, erase the item you want in the "indicaced" column, like this:	
		column, like this:	
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	3.	If you consider the item to be useless but harmless, leave	19 18 1 19 19 19 19 19 19 19 19 19 19 19 19 19 1
		the item as it stands, like this:	. 2.51
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	(ha	No information was let a	128.
		nging Your Mind.	
	0	e the number on the answer sheet has been erased, it can't be	140;
		David I as don't the to David States and	134.
	TE	severed, bo don't try to.	. SEE
		with the second is both second	
		aref.	
Instruct	tone	Proceed to consider all items on PAGES 9 and 11. Advisoral storal	135.
THOLLUCE	<u>1011</u> .	bel you and from most most of the state of the second state and the second seco	, 3°£1
		きょうかん おとことになる ひょうかい ひょうちょう	<i>4</i>
Reminder	• R	e sure to consider each item. Remember that all items are scored,	174 E
Kemilider	, D	was the anea you loave unergood (the ecore may be neglitize or	61 4. 3.
		adative depending on the item)	. RCX
	-	್ಷ ಸ್ಮಾರ್ ಕ್ಷೇಟ್ ಸ್ಟ್ರಿಸ್ ಸ್ಟ	. <u>J</u> &I
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# INFORMATION

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	· · · · · · · · · · · · · · · · · · ·
100.	Sometimes incontinent
101.	Chronic alcoholic
102.	Living and well
103.	A CONTRACT OF
104.	Has apartment in own house
105.	Uses Ex-lax occasionally
106.	Always "nervous" College graduate
107.	College graduate
108.	Frequent backache
109.	Frequent backache
	menopause at 48
110.	None
111.	No operations
112.	Teetotaler, on 1800 cal. diet
113.	Wears glasses for reading
114.	Asymptomatic Diabetes 10 years duration; syphilis 15 years ago, adequately treated;
115.	Diabetes 10 years duration; syphilis 15 years ago, adequately treated;
	breast cancer 8 years ago, treated by surgery
116.	
117.	Appendectomy at 23, left mastectomy at age 40
	High school
119.	Usual childhood diseases only
120.	None
121.	Hasn't felt well for years and the second state of the second of the
122.	None Has been taking "female hormone" pills for years for "the change"
123.	Has been taking "female hormone" pills for years for "the change"
124.	Occasional frequency, no dysuria
	None
	Has diabetes and high blood pressure
	No information available
129.	All in Europe
	Had cancer of (?) at age 46, and is separated from spouse
	Runs boarding house
132.	
133.	
134.	None
135.	Gross hematuria (one day episode) 2 months ago Regular and satisfactory (friend rents room from her), but has had
136.	Regular and satisfactory (iriend fences form from her), but has her
107	postcoital bleeding for 6 weeks
137.	Severe shortness of breath and minimal excretion
138.	
172.	
	Sometimes has palpitations
	Frequent occipital headaches
142.	Died of cancer of the womb
	Eats "what she pleases," mostly carbohydrates
	Still bleeding
	Suffers from hemorrhoids
	None noted
	Patient refuses to answer New conit got here from there
	You can't get here from there Living and well
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# MORE HISTORY

boses jox .002 You may assume that the Chief Complaint and Present Illness as given are 103 complete and correct. For additional information please select AS MANY of به التواح بقو ترفيتوناه the items below as interest you, erase the code numbers of these items in the ⊷یوس∼ جاهیت ا proper column of the answer sheet, then find the information with the correspondand and ing code numbers on the opposite page. On the answer sheet, make your erasures .23. begastes 200 246. in COLUMN 1. . .... assel of transport and the less 150 Illnesses . 26. Past Medical History 151 Injuries . Þ. . 1. Pregnancies_____153 312 154 Father .311 Family History . . 155. Mother .212 .156 Siblings were the time of the same way when the . 213 STAN 21 02 157. # [ ] Others Schooling . 3. 8 Social History . . . 159. Occupation -712 **. 160**-Home Environment .311 Marital Situation 161 \$15 162 Sex life . 02.2 163 Habits Drugs and Medicines General (wgt., fever, weakness, etc.) 165 . 632 System Review 166 125 HEENT 167 CVR .252 15 Start of GLASSAN STURY - In the traine and start 168, . 32. 169 1 2 12 2 GU + in 170 GYN - 89.1 a to apple in march more than 121 NP - 622 **Musculoskeletal** 1003 . 1853 ANGLE FRA PAR Make sure your erasures conform to the following code: DENTODER STITUES 1. 读注意复始出入的现在分词 企業 1.25 I S . . 2. 2 12 TA and the states of the second second نې شو يې د. د کې شو يې د کې State State State 199 143 📖 Survey or screening item . 41.5 小猫 法认为 出口 法正确保证规律 199 143 143 June 5 Juna 19 18 32 19 Indicated, essential item . . . E.C 199 Useless but harmless item the is the first state . . . . crea much visi When you have completed your work in this section, proceed to PAGE 11. , . . . . , . . . . 1-47.432 20G 1. 1. 102241 e e preside da la la la compañía de 、ぞみら 医马氏病病 医结核正常无端的现象研究 化环合 . <u>A</u>A' a least set and the set of the se つじまたいろうよう . . . . . "我们们的工作理论",在这个部门,带起的中心,对白鹭 . 3..... and the condition of the test of the . @\$\$

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	None palpable		· . ·
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	Well-formed		5
	Not enlarged		
206.	Not enlarged		
	Fungating exophytic lesion		the state of the second st
	Intact		
209.	Atrophic		
210.	Grade II changes, capillary microaneurisms		
211.	Enlarged to level of umbilicus		
	No abnormalities noted		
213.	Supple	Ina	
214.	2 cm. ulcer on posterior wall at hymenal ri	LUB	
215.	37 ⁰ , 80, 18, 180/112		
	Obese		
217.	Not felt		·
	Molst		
219.			
220.	Normal		
221.	Not palpable		
222.	Unremarkable		
	Right normal, papilledema of left disc		· · · •
	Undistended		
225.	Physiologic	- No	
226.	Old mastectomy scar on left; right negative	e. No h	0068.
-	Well-formed		
228.	Well-formed		
22 <b>9.</b>			
	Unobstructed		
	Not enlarged		
	Nothing abnormal		
233.	No abnormalities		• •
234.	Atrophic	1	_
235.	Distended, tympanitic with hyperactive bow	et sound	8
236.	Normal size, no murmurs	,	
237.	Within normal limits		• • •
238.		r,	
239.	Left drum perforated		· · · · · · · · · · · · · · · · · · ·
240.	Midline		
241.	Not noted		
242.	Intact		
243.	Moderate enlargement, totally irregular rhy	ythm, no	murmurs
244.		•	
245.			
	Atrophic		
	Examination unsatisfactory		
248.			
249.			
-			

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PAGE 11 SI EDAS

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## GENERAL PHYSICAL EXAMINATION

Please select as MANY of the items below as you wish to examine. In the proper column of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on the opposite page.

On the answer sheet, make your erasures in COLUMN 2.

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YOR THE A PART A STATE OF A	Nose 19 Dit Charles Steel 201 2	19aural 6793
	Mouth, teeth, throat	
	Neck2	51
and the second secon	Thyroid 22	
	VC00C10	54
教授 が好い 常務 長沢上保護に上谷 とうごう うち	Chest 2	
復聞書 古意,《語本書》語:《語·》》:《《	Breasts and axillae	56
	Heart Andre 18 19 17913992	57
		58 
	ADGOILET	69 [%]
bellist after hat a substar	Liver, spleen, kidneys	70
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	Hair distribution 27 99 5312	/4 72
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		88
		89
	Neurological2	

Make sure your erasures conform to the following code:

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Survey or screening item 199 143 Indicated, essential item 199 143 Useless, but harmless item 199

After you have completed your work in this section, proceed to PAGE 12.

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# S MAINSTRUCTIONS FOR DIAGNOSTIC TESTS AND PROCEDURES

1.25 Scoring. The part of this test dealing with diagnostic tests and procedures is similar to the part dealing with history and physical examination, but has an additional requirement.

> You must erase the proper items in the proper category to get ithe information you need.

77.77 You will receive a score (positive or negative) for each numbered item in this part of the test whether you erase it or not. Please do not skip any items but consider each one carefully.

All items fall into one of four categories: FIRST.

> 1. Survey Items. These are items used for screening or survey or for ruling out complications, not directly related to the patient's primary illness.

325 2. Indicated Items. These are ones where the collection of information from diagnostic tests or procedures is directly related to the patient's problem as it has presented itself to you.

3. Useless Items. These are diagnostic tests and procedures which have no bearing, direct or indirect, on the patient's problem but are essentially harmless. They may, however, cost the patient time, money, and minor discomfort or anxiety.

· ··· 384 4. Contraindicated Items. These are tests or procedures which subject the patient to unnecessary and unjustifiable risks, anxiety, pain, or discomfort.

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PAGE 13

PACE 12

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ί. <u>ج</u>ري ا <u>____</u> 5 1 . 899 神经营造品工艺时间 beccessions and . 191 302. "我的是什么了的钱" . 608 · 近天: 日本教育学者 - 日本語 SECOND. . 101 avî taşak that the item you plan to erase is "survey" 1. If you consider and is useful for only screening or for general information, ₹QĔ or perhaps just to satisfy your curiosity, erase the item in , E.K. the column marked "survey," like this: , v 20 vyladianenda an 107 (SP (1) 8.8 (2) 98) 41 .931 <u>C</u> <u>S</u> Ī all sums stateorie is runti . Left aldelie is mer singat 399 319 319 220 SULTO BORD et ere la , 4· 1. 2. 2. If you consider that the item you plan to erase is clearly. .216 225.10 indicated by the nature of the patient's problem as you under-.310 stand it at the moment, erase the item in the indicated colum, 3 517. like this: Horsen Latarouxill , ON, S DAN, AC. JCH .332 . indnos svičentizsvil i iz stangielat teltoso baben . 917 JABERA STEL spaces consist 102319 ²³ 15 001 1, 2000 14 1881. - 201 0.25 asso evidence of enclose even the constance of the second lyngh nodes 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. If you consider the item to be useless but harmless, leave the io ongia to 3. ي لا تأ · Sala item as it stands, like this: molices associ bus yaqoid no bus, Legran's are sobre that blinds . 675 eldogieg osla era revelor esecontist and also pale toda your .baserys furthering to conspire of . 432 Specific grading and a sec minudia , evitagea emicação a pesitive, alure engine exclusion If you consider the item to be "contraindicated," harmful, and . 755 4. not in the patient's interest, erase the item in the "contra-. . .7.50 indicated" column, like this: NO NUMBER WILL APPEAR . . . . t case dinosij - 638 every is a Ι C <u>S</u> .020 一台以上:台湾()龍 . 182 ,后 凯氏动脉 五元 👌 399 1582 · 在12月1日在后国 学们大学的复数目 ereducate bases an under a sagailath . . Proceed to consider all items on PAGE 15. are we would be the the set 5-3 Instructions: 、神经之 . 588 Be sure to consider each item. Remember that all items are ALCONT CONTRACT Reminder: ". F. T. I., . J. . . scored, even the ones you leave unerased. a start and a start and a start Rep (s) 10000000 1 A. S. SVEALENT · juit. alitation accordi <u>, x</u> 42 (1, 30) I (0, 30) (0, 1) (08, 1) ev is sysk , ist Sectored spherical ("anovalt") dansteles is both lung fields. windnet spearstand of the second . 648 ovijezoM Bowsterrit 23, 980 6,000, hypechronic. matrocytic anamia . T 🖓 souther to it raterous sos . 822 - E.W. 1212.30.30.588

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INFORMATION

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300. Negative Not indicated 301. 302. Negative SECOND. 303. Non-reactive 304. Negative 306. Negative XX you constant in the <u>,</u> } · · · · · · on and the state with the state of boar Negative. Squamous cell carcinoma, invasive 307. Left ventricular hypertrophy where conformed and 308. 2 V L . 309. No abnormalities 310. Na 140, K 3.8, Cl 98, CO₂ 25 :. Class I, atrophic smear 311. Report not available 312. Martin La Martin Andre 313. Negative where a statistic way the • 7 Class II, estrogen effect 314. Class IV (positive) malignant cells present es approximation 315. No abnormalities 小小子做说:"小子"这些"这个" 建建活出品 316. F 100, 1 hr. 220, 2 hr. 190, 3 hr. 140 CALLS ENEL 317. Hct. 36, WBC 8,000, differential normal 318. Marked cardiac enlargement with hypertensive contour. Left breast 319. shadow absent. Less than 6% retention at 45 minutes 320. No evidence of extension beyond the uterus, no enlarged lymph nodes 321. or signs of peritoneal spread to a constant and relations with it all schugst ti as seri 180 mg% 322. Aortic lymph nodes are enlarged, and on biopsy and frozen section 323. they show adenocarcinoma. Metastases to liver are also palpable. No evidence of peritoneal spread. Specific gravity 1.010, pH 5.8, glucose 2+, acetone negative, albumin 324. positive, microscopic: occasional WBC Chronic cervicitis with squamous metaplasia 325. Reactive, titer 1:64 326. Report not available ,73-1:22 327. Chronic cervicitis with squamous metaplasia 328. 0, Rh positive 329. 330. Negative 4 K-A units/100 ml. 331. Negative 332. 333. Negative Findings: same as noted elsewhere 334. Patient dies on operating table of pulmonary edema 1877 335. Negative film. Heart normal size. 336. a there are store at Tobabasi Endocervical tissue 337. F 80, 1 hr. 110, 2 hr. 68, 3 hr. 80 ACUTACE ROME _ DATABA 338. 339. 10 mg% Negative 340. 341. Positive 342. Chronic cervicitis Na 120, K 5.1, C1 86, CO₂ 11 (mEq/L) 343. Negative 344. Scattered spherical ("snowball") densities in both lung fields, 345. cardiac enlargement Negative 346. Hematocrit 23, WBC 6,000, hypochromic, microcytic anemia 347. 40% excretion in 15 minutes 348. Adenoacanthoma 349.

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Please select AS MANY of the items below as you wish to examine. In the proper column of the answer sheet, erase the code numbers of these items, and look up the findings with the corresponding code numbers on the opposite page.

# On the answer sheet, make your erasures in COLUMN 3.

Un the answer	The set the Call Bark
Chemistries	Alk. phosphatase350
(blood, serum)	Bilirubin, direct, indirect 351
The state of the s	Glucose, 2 hr. postprandial
ł`	Electrolytes, Na, K, Cl, CO222 1108815 353 538 508
	Urea Nitrogen (BUN) 354 stores 54 Store blood OCP 355
Clinical &	
	Vaginal Pap smear
serology	VDRL 357
Hematology is the second second	Blood group, and Rh
	CBC CBC State France Constraints and 19359
Urine tests and the second second	Urinalysis, complete
X-rays	Abdomen <u>meine in in and and 361</u>
	Barium enema 362 Chest 363
	Cholecystogram 364
and the second second	GI series365
	Pelvis366 stor and
2 ¹⁷	Pyelogram (IVP)
	Spine369
Procedures	BSP 370
	Cystoscopy
	Datalacia cham ite it iteration
	the second s
	Examination under anesthesia 374 Frei test 375
Elite the state of the	Glucose tolerance test
	Glucose tolerance test
ى شېرىنى بولىتى قار كەنتى بىر قىيەتىي س مىس	Prochosi and doppont
788 AV 347 CL 1. P	Proctosigmoidoscopy
	Smears for Donovan bodies380
	Smears for H. Ducreyi and a string 381
a construction of the second	Bioney oprying (nunch)
DIAGNOSCIC SURGERY	Biopsy cervix (punch) 382 382 383 Jani 383 Jani 383 Jani 383
	Conization of cervix
1982 A Constant of the Constant	D & C, endocervix with the second sec
	D & C, endometrium386
	Exploratory laparotomy387
^	Tubrareness and and the second

Make sure that all your erasures conform to the following code:

Survey or screening item	199 <b></b> 143 <b></b>
Indicated, essential item	199 - 143
Useless but harmless item	199 <b> </b>
Contraindicated, harmful item	199

<u>C</u> <u>S</u> <u>I</u>

After you have completed your work in this section, proceed to PAGE 16.

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PAGE 16

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YOUR DIAGNOSIS

#### DESCRIPTION OF PART II

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The test booklet. This section of the test consists of lists of primary and secondary diagnoses which you are asked to divide into three categories: \$ 12.000 13

1. Diagnoses which have been excluded by your history, physical exam, or diagnostic tests and procedures. 12010000

- 2. Diagnoses which were not excluded by your history, physical and the exam, or diagnostic tests and procedures.
- 3. Diagnoses which were established or rated most likely by your history, physical examination and/or diagnostic tests and procedures.

The answer sheet. Column 4 of the answer sheet consists of a column of numbers corresponding to the code numbers of the listed diagnoses. The column of numbers is followed by two columns of spaces in which you are to erase your answers as follows: 我感觉

- 1. Column 4 EXCLUDED is for diagnoses you have excluded.
- 2. Column 4 NOT EXCLUDED is for diagnoses you have not excluded.

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## Instructions for PAGE 17. fit . See a second and the second and the

FIRST: From the list on the opposite page, select <u>all</u> the diagnoses which your workup of history and/or physical examination and/or diagnostic studies and procedures has permitted you to exclude from further consideration. Erase each of these in the Column 4 EXCLUDED of the answer sheet, at its proper number.

and a second and the second second SECOND: From the list on the opposite page, select all the diagnoses which you were unable to exclude by the choices of items of history, where and physical examination, and diagnostic tests and procedures which were available to you. Erase each of these in Column 4 NOT EXCLUDED of the answer sheet, at its corresponding number.

3. An an ann an Anna an and the constraint of the cons

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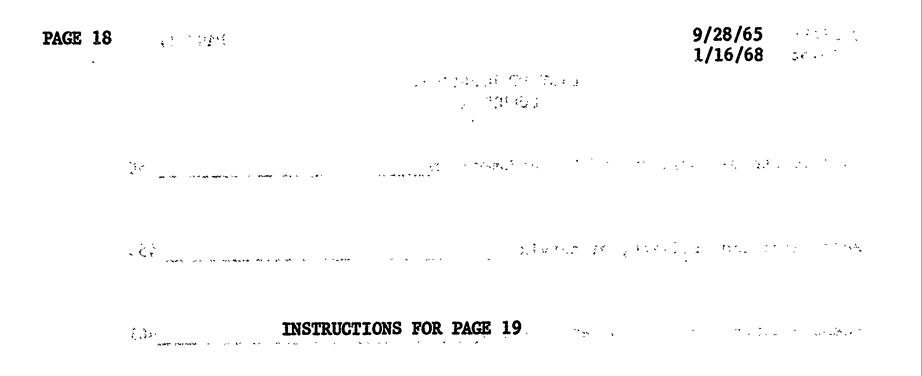
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## LIST OF DIAGNOSES COLUMN 4

Adenoacanthoma, primary, of the endometrium	_450
Adenocarcinoma, primary, of cervix	455
Adenocarcinoma, primary of endometrium	461
Adenocarcinoma, primary of vagina	_466
Adenocarcinoma, metastatic from primary in colon	entbol onselą 0 <b>471</b> dati <u>ense</u> 0 geticklines 1 gene kostiss 16 dose stari
Adenocarcinoma, metastatic from primary in ovary	481
Carcinoma, squamous cell, of cervix	485
Chancroid Diabetes mellitus	491 492
Exogenous obesity	493
Granuloma inguinale	494
Hypertensive vascular disease	495
Lymphopathia venereum	496
Pulmonary tuberculosis, active	497
Pulmonary tuberculosis, inactive	498
Positive serology	_499

Instructions: When you have completed this page, proceed to PAGE 18.



From your choice of the diagnoses which were not excluded by your workup, please indicate in the list on PAGE 19 the diagnoses which are definitely <u>established</u> or, of the choices given, <u>most likely</u>. Among competing or conflicting diagnoses, there can be only ONE which is most likely. The patient may, however, have a number of unrelated conditions in addition. Erase each of your selections in COLUMN 5 ESTABLISHED of the enswer sheet, at its proper number.

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## ESTABLISHED OR MOST LIKELY DIAGNOSES COLUMN 5

Adenoacanthoma, primary, of endometrium (stage unsp	ecified)	550
Adendacaischoma, premary, or encourons and the or	Stage I	551
(specify stage if you can)	Stage II	552
(specify blage 12 jew early	Stage III	553
	Stage IV	554
Adenocarcinoma, primary of cervix (stage unspecifie	(b)	555
Additional pranaly of our and ( a d	Stage 0	556
· · · · · · · · · · · · · · · · · · ·	Stage I	557
(specify stage if you can)	Stage II	558
	Stage III	559
	Stage IV	560
Adenocarcinoma, primary, of endometrium (stage unsp	pecified)	561
	Stage d who who who we we	
(specify stage if you can)	Stage IL and the state of the state of the	<u>- 563</u>
	Stage III	<u> </u>
	Stage IV	565
Adenocarcinoma, primary of vagina (stage unspecifie		566
Adenocal cinome, prime, on vegene ( · C ·	Stage I. S. C. Askarda	567
(specify stage if you can)	Stage II	568
(specify brage at year easy	Stage III	569
	Stage IV	570
Adenocarcinoma, metastatic from primary in breast		571
Auchocalcinoma, metaocacio ilom piamo, in ante -	With spread to cervix	572
(specify spread if appropriate)	With spread to lungs	573
(specity spread it appropriate)	With spread to ovaries	574
	With spread to vagina	575
Adenocarcinoma, metastatic from primary in colon	the second s	<u></u> 576
	With spread to cervix	<u>: ) 25</u> 577
(specify spread if appropriate)	With spread to lungs	<u></u> 578
(specity spicau it appropriate)	With spread to ovaries	579
	With spread to vagina	580
Adenocarcinoma, metastatic from primary in ovary		581
Auchocal Clitonici, inclusication frame, inclusion and	With spread to cervix	582
(specify spread if appropriate)	With spread to lungs	583
(phoers) phoen in allestands	With spread to vagina	584
Carcinoma, squamous cell of cervix (stage unspecifi	ied)	585
	Stage 0	586
(specify stage if you can)	Stage I	587
	Stage 11	588
	Stage III	589
	Stage IV	590
Chancroid		591
Diabetes mellitus		592
Exogenous obesity		593
Granuloma inguinale		594
Hypertensive vascular disease		595
Lymphopathia venereum		596
Pulmonary tuberculosis, active		597
Pulmonary tuberculosis, active		598
•		599
Positive serology	والمستقلمين ويستجرب المتعالي ويتارك والمستقلة المستعد فالمتعار بالمستعلما وبالمستعد وياست ويستجرب والم	

Instructions: When you have completed this and all preceding pages in Part II, proceed to PART III on PAGE 20.

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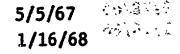
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シャーナ はたい しょうたいはまいしまうかい ふん . . . . . . . . م يعن أن <del>مر من المركز المركز الر</del> PART III . .. YOUR PLAN OF TREATMENT · . . . . . . DESCRIPTION OF PART III . . . . . 1 6 6 andara ser s as a -On the basis of the information which has been made available to you, you should not only be able to define your patient's problems, you should also be able to outline a plan of managing this patient's major illness. This part of the test is divided into two sections. 1. Selection and sequencing of methods of therapy. PAGE 21 2. Detailed treatments within each method of therapy. PAGE 23 Charles Contractor 2 the way was a second and the second states and the second states and the second second second second second second second second sec -----and the second secon Instructions for PAGE 21. The opposite page offers a list of three methods of therapy in every possible combination and sequence. Please make ONE selection and "record it in Column 6 of the answer sheet by erasing the overlay next the second s to the appropriate code number. in an an and the and the strend of the state of the strends and prove a second s tin . enceptotesting and the men of how with the second s a fear and the second • • • • • • • • • • • • • 网络白斑 建树脂 计正式通知分析 计算法 化分子 ·• ' المراجعة المحرية والمحادية والمحادية ر با میچون از میکان از میکان میکون از از ا in the second where we are a second of the ;••• . . . . . . . . *; ...* • 1. 2 3. 4 the second s and a set of and the second and the second s ... . Matrices - . . . . . . the start strate a star a star and a star and a star a the Local · · · · · 4 , · · · · والمحمد المراجع المراجع المراجع . . · · · · · · · · · · · · · Let the set of the the the set as

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PAGE 21 SS MOAT

# SELECTION AND SEQUENCING OF METHODS OF THERAPY

## COLUMN 6

# Make one choice in COLUMN 6.

### TREATMENT

Hormonal therapy only	_650
Radiation therapy only	_651
Surgical therapy only	652
Hormonal therapy followed by radiation therapy	653 M. AC MACHINER 13
Hormonal therapy followed by surgical therapy	654
Radiation therapy followed by hormonal therapy	655
Radiation therapy followed by surgical therapy	656
Surgical therapy followed by hormonal therapy	657 Jarmas star of
Surgical therapy followed by radiation therapy	.658 to de autor
Hormonal, then radiation, then surgical therapy the the surgical	659 e. co yices terra
Hormonal, then surgical, then radiation therapy	_660 \ <u>\</u> \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Radiation, then hormonal, then surgical therapy	_661
Radiation, then surgical, then hormonal therapy	662
Surgical, then hormonal, then radiation therapy	663
Surgical, then radiation, then hormonal therapy	664 San 199 1930K
None of those listed	665

Erase your ONE choice, then proceed to PAGE 22.

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## INSTRUCTIONS FOR PAGE 23

the second second second Prerequisite. going the second second Use the opposite page only after you have selected your sequence of treatment on PAGE 21 and recorded your choice in Column 6 of the answer الاستان المرادي المحمد من المستقد المستقد المستقد المرادي . المرادة المرادي sheet. On the opposite page, select AS MANY items as you wish, but keep in mind that your choice must be related to the sequence of treatment you have previously chosen. Erase all of your choices on the answer sheet in the second s Column 7. and the second 545 the second se Note: Columns 8 and 9 on the answer sheet are not used in this test. 

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## DETAILED TREATMENTS COLUMN 7

HORMONAL TREATMENT		750	
	Androgen therapy		
	Estrogen therapy		
	Progestational therapy	752	
	Continuous estrogen-progestin the		
	Cyclic estrogen-progestin therapy	754	ł
RADIATION TREATMENT		760	•
A. External (specify source)	Conventional x-ray	761	
	Supervoltage or telecobalt	أكال المحجمة المتحديد والمحجم والمتحدين والمحجم	
(specify targets)	Cancericidal dosage (>5,000r):		
		upper abdomen763 entire abdomen764	
	Castrating dosage (<2,500r):	ovaries766	,
B. Internal (specify source)	Vaginal ovoids	770	)
	Uterine tandem	771	L
(radium)	Heyman's capsules	772	2.
(anotify dogges)	Dose at vaginal mucosa 2,000-	-3,000 r 773	3
(specity dosages)		6,000 r774	÷
		12,000 r775	5
		3,000 r 776	5
		6,000 r 777	1 '
		12,000 r778	3
		.5,000 r779	)
	(from tandem, ovoids, and		)
	external sources)	.5,000 r781	L
	Dose at Point B	5,000 r 782	2
		.0,000 r783	3
	·		
SURGICAL TREATMENT (For Lapa	rotomy findings, see DIAGNOSTIC 1	ROCEDURES on PAGE 15)	)
	Exenteration of pelvis, anterior	/05	2
	Exenteration of pelvis, posterio	786 787	
	Exenteration of pelvis, total		
(specify procedures)	Radical hysterectomy		
	Subtotal hysterectomy	789	
	Total hysterectomy	790	
	Omentectomy	791	
	Pelvic lymph node dissection	792	
	Salpingo-oophorectomy, bilatera	/93	
	Salpingo-oophorectomy, unilateral		
	-		1

When you have finished this and all preceding pages, you have completed this test.

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# APPENDIX H

# SAMPLE ANSWER SHEET (1967)

- H 1 Covered May, 1967
- H 2 Uncovered May, 1967

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Column Ô	Column	Column 2	Column 3	Column 4	Column Colu 5 6	mn Column 7	Column 8	Colum 9
	History	Physical	Tests and Procedures	Diagnoses				
			D B B B B B B B B B B B B B B B B B B B					
	M	ITTEM ITTEM	)ICATI M ITEM	)ED	ED OR LY DX			
	ITE		A-INDIC Y ITEM	UDED EXCLUDED	LIKELY	•		
	SURVEY IT	SURVEY IT	CONTRAINDICATED SURVEY ITEM INDICATED ITEM	EXCLUDED	ESTABLISHED MOST LIKELY			
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051 052	151 152	251 252	351 352	451 452 452	551         651           552         652           553         653	751 752 753	852 853	952 953 953
053 054	153 154	253 254	353 354 355	453 454 455	555 655 555 655		854 855	954 955
055 056 057	155 156 157	255 256 257	356 357	456 [%] 457	556 656 557 657	756 757	856 857	956 957
058 059	157 158 159	258 259	358 359	458 459	558 658 559 659	758	858 859	958 959
060 061	160 161	260	360 361 o	460 461	560 ²⁰ 660 561 661	760 761	860 861	960 961 962
062 063	162 163	262 263	. 362 363	462 . 463	562 662 563 663 564 664	762 763 764	862 863 864	963 964
064 065	164 165	° . 264 265 °	364 6 365 366	464 465 466	565 665 566 666	- 765 766	865 866	965 966
066	166 167	266 267 268	367 368	467 468	567 667 568, 568	767 768	867 868	967 968
068 069 070	168 169 170	269	369 370	469 470	569 669 570 670	769 770	870	969 970
071 072	171 172	271 272	371 372	471 472	571 671 572 672	772	871 872	971 972 072
073 074	173 。 174	273 274	373 374	473	573 673 574 674	773 774 775	873 874 875	973 974 975
075 076	175 。 176	275 276	375 376	475 476 477	575 675 576 676 577 677	776	876 877	976 977
077 078	177 178	277 278 270	377 378 379	477 478 479	578 678 579 679		878 879	978 979
079 080 081	179 180 181	280	380 381	480 481	580 680 581 681	781	880 881	980 981
082	182 183	282 283	382 383	482 483	582 682 583 683	783	882 883	982 983 -
084	- 184	284 285	384 385	484 485	584 684 585 685	<b>785 •</b>	884 885 886	984 985 986
086 087	186 187	286 287	386 387	486 487	586 686 587 687 588 688	787	887 888	987 988
088 089	188 - * 189	288 289 200	388 389 <u></u> 390	488 489 490	589 689 590 690	789	889 890	989 990
090	190 191 102	290 291 292	391 392	491 492	591 691 592 692	791 792	- 891 892	991 992
092 093 094	192 193 194	293 294	393- 394-	493 494	593 693 594 694	794	893 894	993 994
095 096	195 196	295 296	395= 396=	495 496	595 695 596 690	796	895 896 897	995 996 997
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e da desta	History		′	rny.	57691	-	Procedu			Ū							
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050 003	150	••		250		• •	350===33	•	450	••			650===	750===	850===	950	922
051 029	151	122	122	251	203	203	351===32	7 327	451	===	===	551===	651===	751===	851===	951	910 939
ŕ	152 153					229 218	352===32 353===31	2 322 0 310	452	222 222	===	552===	652=== 653===	752===	853===		930
	154				231	231	354===33	9 339	454	===	===	554===	654===	754===	854===	954	-
				255			355===33 356===31			222 222					855=== 856===		929
			129		210	210	357===30	3 303	457	===	===	557===	657===	757===	857===	957	918
			118 131				358===32 359===31								858=== 859===		931 927
060 013	160	104	104	260	232	232	360===32	4 324	460	===	===	560===	660===	760===	860===	960	93 <b>3</b>
061 040	161	133	133	261	213	213	361===30 362===33	4 304 ว ววว	461	===	===	561=== 562===	661=== 662===	761=== 762===	= 861=== = 862===	961	936 912
063 024	163	112	112	263	205	205	363===33	6 336	1463	===	===	563===	663===	/03===		1 202	910
064 004	164	116	116	264	224	224	364===31 365===31	2 312	464	===	===	564===	664===	764===	=  864===	904	932
066 036	166	113	113	266	233	233	366===33	2 332	466	===	===	566===	666===	/66===	=  800===	900	940
067 012	167	140	140	267	236	236	367===31 368===34	3 313	467	===	===	567===	667===	<b>  767≖=</b> =	=  86/===	967	903
069 032	169	124	124	269	216	216	369===30	5 305	469	===	===	569===	669===	769===	=  869===	969	904
070 041	170	109	109	270	217	217	370===32 371===30	0 320	470	===	===	570===	670===	770===	= 8/0===	19/0	900
072 048	172	108	108	272	200	200	372===30	6 306	472	===	===	572===	672===	772===	= 8/2===	19/2	934
073 020	173	134	134	273	248	248	373===30 374===33	8 308	473	===	===	573===	673===	773===	= 8/3===	19/3	940
075 006	175	117	117	275	209	209	375===34	6 346	475	===	===	575===	[675===	775===	= 8/5===	1 9/3	94£
076 008	176	141	141	276	206	206	376===31 377===34	7 317	476	===	===	576===	676===	//6===	= 8/6===	9/0	920
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005 026	105	135	135	295	214	214	395===32	3 323	495	===	===	595===	*  693===	╡ / シン===	= 095==-		947 907
007 011	1107	107	107	207	238	238	396===33 397===34	.7 347	'1 497	===	<b>***</b>	:  59/===	: 69/===	╕ /୨/===	= 09/==-	= 997	919
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# APPENDIX I

# TEST DECODED INTO TUBBING INFORMATION

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I - 1	Diagnostic Product, Test A	179
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AFPENDIX I-1 DIAGNOSTIC PRODUCT, TEST A · . ( 12:20 per ) . and the second • • CASE PRESENTATION

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# A fifty year old woman comes to your office with a complaint of intermittent

vaginal bleeding of six weeks' duration. She adds that this is the first 11435 vaginal bleeding she has noted since her menopause two years ago at age 48.

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### Test A - MORE HISTORY

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### PAST MEDICAL HISTORY

### FAMILY HISTORY

Father - Has diabetes and high blood pressure Mother - Had cancer of (?) at age 46. She and husband are separated. Siblings - None Others - All in Europe

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## SOCIAL HISTORY

### SYSTEM REVIEW

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Test A - GENERAL PHYSICAL EXAMINATION

TPR, BP - 37°, 80, 18, 180/112 Hgt., wgt. - 5'6", 170 lbs. General description - Well-developed, W.E. A CALL STATE STATES Head and face - Well-formed Hair - Unremarkable Eyes - Grade II changes, capillary microaneurisms M. Alber Ears - Left drum perforated Nose - Unobstructed Mouth, teeth, throat - Nothing abnormal Neck - Supple the second sector of the second s Trachea - Midline Thyroid - Not enlarged Vessels - Undistended Chest - Well-formed, left mastectomy scar . The set of the control 「たっ」をいます。 Breasts and axillae - Old mastectomy scar on left; right negative. No nodes. Heart - Normal size, no murmurs 1. 2. 18 T. Mar. Lungs - No abnormalities noted The start of a construction of - 如王王指王父 人 化达马拉达 化十字中最 Abdomen - Obese 🗌 atsuminist - unional facture Masses - Not noted · 夏夏夏夏日的日本公司 · 1997年二十二日的时代中国中的中国 Tenderness - Not noted Pelvic examination - Pap smear taken, see report to some the att which a fa Hair distribution - Normal - 1922年1月1日,19月1日,1月1日日日。 Ext. genitalia - Atrophic without - (TVL) manyatives SUB glands - Not enlarged thuget - fimit Introitus and perineum - Intact Spine - Magacura Vagina - 1 cm. ulcer on left lateral wall A SERIES AGE 1 Cervix - Atrophic SSP - Later thing by intraction at 45 minutes Uterus - Not enlarged, mid-position Adnexa - Not palpable ortrague contrist in the mass Meridian Rectal - Confirms pelvic findingsouth holosinger stol - an gellaroordesla SphincteradoIntactor of once isgnilaty - dividue a rebon anitosimera 网络白色 人名法格尔 化二乙基化 Masses - None palpable Back - No abnormalitles noted : 181 . 14 5 . 102 W . Days output of samale wither a set offered to all Extremities - Well-formed Pulses - All present and equal STATISTIC - CONSIDERSENDERS Deep tendon reflexes - Physiologic assimily it is assessed and - 984 Neurological - Within normal limits LING & ALLDOG REPORT THE BOUCH Several for R. Buch ye . Sweather range erendere States, cary's (punch) - (army) states onyi vrajichan "Amantur son hé - anigav végyét sissigning or corvic - Chronic corvicities will a produce metalente unerit farities clear - severables of B.C. stantylogyd chasymatel - andierow bus , # A G Replaced to an antic tysen notes are calacted and on highly and the second south they also active and the second the second the are also palpanic. So evidence of pertonnel apread.

Test A - DIAGNOSTIC STUDIES AND PROCEDURES

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CHEMISTRIES (blood, serum) నా ఎస్. ఆ లా ఇందె.జింమి Alk. phosphatase - 4 K-A units/100 ml. Bilirubin, direct, indirect - Report not available Glucose, 2 hr. postprandial - 180 mg% Electrolytes, Na, K, Cl, CO2 - Na 140, K 3.8, Cl 98, CO2 25 LARY STR. LAC . Such the faithed Urea nitrogen (BUN) - 10 mgm% an eral state of the second bar bards CLINICAL AND CYTOPATHOLOGY -1.1.5 11.7 31.01 - 138A Stool for blood, OCP - Negative Cervico-vaginal Pap smear - Class II, estrogen effect No Nerror Para and a second state SEROLOGY . ಇವಿಚಾರತ್ವನ್ - ಆಷರ್ಷ VDRL - Non-reactive VED THEFT BOOKS HEMATOLOGY Blood group, and Rh - 0, Rh positive 1、1、1221、一日、100日1年 CBC - Hct. 36, WBC 8,000, differential normal States and a state of the state Laborerellatt - classer URINE TESTS Urinalysis, complete - Specific gravity 1.010, pH 5.8, glucose 2+, acetone negative, albumin positive, microscopic: occasional WBC Freye all this feature for a struggly 2 X-RAYS Abdomen - Negative REAL STREET Barium enema - Negative Chest - Scattered spherical ("snowball") densities in both lung fields, the surface could start minimal cardiac enlargement. BURGE CHEERS - A DECEMBER Cholecystogram - Report not available GI series - No abnormalities when we have the first works where days of visat 「「「」」で、 なくはないまでなたか、Y主義権 Pelvis - Negative Synthesis - Literation . Strate Pyelogram (IVP) - Negative Contraction of the contraction of the Skull - Negative the second dealer and the second s Spine - Negative Stand The Stand of The Stand of the State PROCEDURES Minoria - Maria BSP - Less than 6% retention at 45 minutes purcharge the promises and - voront -Cystoscopy - No abnormalities ARTERIA POR + AREADA Darkfield exam for T. Pallidum - Negative Electrocardiogram - Left ventricular hypertrophy and a stitut that the Examination under anesthesia - Findings; same as noted elsewhere Frei test - Negative Las realist - seiztarreisse PPD or Tuberculin test - Positive isses and investig the - sould' Proctosigmoidoscopy - Negative alyo'neessi - eerettee votass gova PSP - 40% excretion in 15 minutes E CAREL CARLER CERTIN - IBOLDOIDDING Smears for Donovan bodies - Negative Smears for H. Ducreyi - Negative DIAGNOSTIC SURGERY Biopsy cervix (punch) - Chronic cervicitis Biopsy vagina - Adenocarcinoma, medullary type Conization of cervix - Chronic cervicitis with squamous metaplasia D & C, endocervix - Endocervical tissue D & C, endometrium - Estrogenic hyperplasia Exploratory laparotomy - Aortic lymph nodes are enlarged, and on bipsy and frozen section they show adenocarcinoma. Metastases to liver are also palpable. No evidence of peritoneal spread.

# APPENDIX I-2 THERAPEUTIC' PRODUCT, TEST A

Fifty year old obese, hypertensive, diabetic woman two years postmenopausal with vaginal bleeding. Radical mastectomy three years ago for adenocarcinoma of breast. X-ray shows pulmonary metastases. D & C shows estrogenic hyperplasia of endometrium. Biopsy of vaginal ulcer shows adenocarcinoma. Most likely or established diagnoses upon which treatment should be based:

Adenocarcinoma, metastatic from primary in breast	751
With spread to lungs	573
With spread to vagina	575
Diabetes mellitus	592
Exogenous obesity	593
Pulmonary tuberculosis, inactive	5 <b>9</b> 8

Radiation treatment note: Cancericidal dosages (> 5000 r) to entire or upper abdomen or to lung fields are likely to be lethal because of destruction of renal pulmonary parenchyma.

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# APPENDIX I-3 DIAGNOSIS PRODUCT, TEST A

### CASE PRESENTATION

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A fifty year old woman comes to your office with a complaint of intermittent vaginal bleeding of six weeks' duration. She adds that this is

ago at age 48.

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PAST MEDICAL HISTORY

Illnesses - Has diabetes and high blood pressure Injuries - None Operations - None Pregnancies - None

#### FAMILY HISTORY

Father - Had cancer of (?) at age 46, and is separated from spouse Mother - Diabetes 10 years duration; syphilis 15 years ago, adequately treated. Breast cancer 8 years ago, treated by surgery.
Siblings - None

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Others - All in Europe

### SOCIAL HISTORY

### SYSTEM REVIEW

FRIC

General (wgt., fever, weakness, etc.) - No recent change
NEENT - Wears glasses for reading
CVR - Sometimes has palpitations
GI - Uses Ex-lax occasionally
GU - Occasional frequency, no dysuria
GYN - Periods 12x30x5, were prolonged and irregular for 3 years before
menopause at 48.
NP - Always "nervous."
Musculoskeletal - Frequent backache

## 0108

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#### Test A' - GENERAL PHYSICAL EXAMINATION

TPR, BP - 37°, 80, 18, 180/112 Hgt., wgt. - 5'0", 190 lbs. General description - Well-developed, obese W.F. Skin - Moist Lymphatics - Not enlarged Head and Face - Well-formed Hair - Unremarkable Eyes - Grade II changes, capillary microaneurisms Ears - Left drum perforated Nose T Unobstructed Mouth, teeth, throat - Nothing abnormal Neck - Supple Trachea - Midline Thyroid - Not enlarged Vessels - Undistended Chest - Well-formed Breasts and axillae - No abnormalities * 2 - 1 m Heart - Normal size, no murmurs Lungs - No abnormalities noted a stranger and the second stranger and the Abdomen - Obese a for a start the start of the Liver, spleen, kidneys - Not felt -* / Masses - Not noted 一方"云"之意,"云""云然云云,"金云云""金云云" 2 . A. Tenderness - Not noted Pelvic examination - Pap smear taken, see report. State Strates Hair distribution - Normal · Star in the second of Ext. genitalia - Atrophic SUB glands - Not enlarged the state of the s Introitus and perineum - Intact Uterus - Not enlarged, mid-position Vagina - Atrophic ్ అందర్ కార్ సిల్లి కార్ కిల్లో కార్ అందించిన కి సిమార్లోకి Cervix - Atrophic Adnexa - Not palpable and the constant of the second المارة الأراب والمحال الماري المحالم والمحالية Rectal - Confirms pelvic findings a second design of Beacher Au 77 , 85 Sphincter - Intact AND ALL AND A DART LEAD Masses - None palpable 1911年,1911年1月1日,1月1日春秋,1月11日1日月1日日,1月1日日月1日月1日 Back - No abnormalities noted Extremities - Well-formed ちょうかい いが しょう いいねいがい やみうないさい いばな Pulses - All present and equal Deep tendon reflexes - Physiologic ATTING A ADD & ADDE SO DO DO DE ANT Neurological - Within normal limits الما المراجع المراجع المجتمع المحاج EFFORE CALL 如今 住主,140万代的行兵,1 、 公共起席主 书字中驾驶, 大学行动品管 教士监察与建筑演乐 法信号 一人的原情教教学 网络内外边裂 1000000 There will a the second of 1 8 th tensing and element of a part of coopera , 2 & 4 hasested to represe on the total complete to show the show of a general sector start where a construction is pread to provide determined

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Test A' - DIAGNOSTIC STUDIES AND PROCEDURES

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122. Br - 11 , 80, 11 - 18 , 251 CHEMISTRIES (blood, serum) Alk. phosphatase - 4 K-A units/100 ml. Bilirubin, direct, indirect - Report not available 1997 - 1999 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -JALON - MARK Glucose, 2 hr. postprandial - 180 mg% Glucose, 2 hr. postprandial - 180 mg% Electrolytes, Na, K, Cl, CO₂ - Na 140, K 3.8, Cl 98, CO₂ 25 Urea nitrogen (BUN) - 10 mgm% state - thereas - all ?? CLINICAL AND CYTOPATHOLOGY al and the second states of a state of the s 1 2 2 Stool for blood, OCP - Negative Cervico-vaginal pap smear - Class IV (positive) malignant cells present Stool for blood, OCP - Negative SEROLOGY and the second of the second s VDRL - Non-reactive - Currier + Adams HEMATOLOGY UN JUST - SARTIG 12 Blood group, and Rh - 0, Rh positive CBC - Hct. 36, WBC 8,000, differential normal stasiations - alsocal Dagrey - 11-37 - 198.13 URINE TESTS Urinalysis, complete - Specific gravity 1.010, pH 5.8, glucose 2+, acetone negative, albumin positive, microscopic: occasional WBC X-RAYS Labor er . Timmaile - M - Mail Abdomen - Negative TREAS - IMARIDUA Barium enema - Negative the status , maine , resta house toking saight Chest - Negative film; heart normal size Cholecystogram - Report not available by the self - secondities? GI series - No abnormalities is were the total and a distinguish signal Pelvis - Negative there and the states the treat Pyelogram (IVP) - Negative the granted was an arrest to Skull - Negative ingratize into - enral & RUR. Spine - Negative ter af - austitum Lie evolution PROCEDURES. STERNICA - GALSER BSP - Less than 6% retention at 45 minutes, second and segurine active and Cystoscopy - No abnormalities Gedennich - Miviel Darkfield exam for T. Pallidum - Negative eldarite in - skingt Electrocardiogram - Left ventricular hypertrophy Examination under anesthesia - Findings: same as noted elsewhere rrel test - Negative Glucose tolerance test - F 100, 1 hr. 220, 2 hr. 190, 3 hr. 140 PPD or Tuberculin test - Positive the man start & and the way is Proctosigmoidoscopy - Negative - Play - Los indesid ind - status. Beep regula - easel the public good PSP - 40% excretion in 15 minutes Smears for Donovan bodies - Negative Smears for H. Ducreyi - Negative DIAGNOSTIC SURGERY Biopsy cervix (punch) - Adenocarcinoma Biopsy vagina - Not indicated Conization of cervix - Adenocarcinoma D & C, endocervix - Adenocarcinoma D & C, endometrium - Estrogenic hyperplasia Exploratory laparotomy - No evidence of extension beyond the uterus, no enlarged lymph nodes or signs of peritoneal spread.

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#### APPENDIX I - 4 THERAPEUTIC PRODUCT

#### TEST A'

Fifty year old obese, hypertensive, diabetic woman two years postmenopausal with vaginal bleeding. Physical examination and diagnostic workup is entirely negative, except fractional D & C which shows adenocarcinoma of endocervix with estrogenic hyperplasia of endometrium. Established diagnoses upon which treatment should be based:

Adenocarcinoma, primary of cervix, Stage I	557
Diabetes mellitus	592
Exogenous obesity	593
Pulmonary tuberculosis, inactive	598

#### APPENDIX I - 5 DIAGNOSTIC PRODUCT, TEST A

#### CASE PRESENTATION

• 5 • • •

A fifty year old woman comes to your office with a complaint of intermittent

vaginal bleeding of six weeks' duration. She adds that this is the first vaginal

bleeding she has noted since her menopause two years ago at age 48.

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#### Test A - MORE HISTORY

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#### PAST MEDICAL HISTORY

Illnesses - Has diabetes and high blood pressure Injuries - None Operations - None Pregnancies - None

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Father - Had cancer of (?) at age 46, and is separated from spouse of the second se

Others - All in Europe

SOCIAL HISTORY

Schooling - High school Occupation - Runs boarding house Home environment - Has apartment in own house Marital situation - Spouse died four years ago with TB Sex life - Regular and satisfactory (friend rents room from her) but has had postcoital bleeding for 6 weeks. Habits - Teetotaler, on 1800 cal. diet

Drugs and medicines - Takes 1 gm. Tolbutamide daily

SYSTEM REVIEW

ERIC

General (wgt., fever, weakness, etc.) - No recent change HEENT - Wears glasses for reading CVR - Sometimes has palpitations GI - Uses Ex-lax occasionally GU - Occasional frequency, nc dysuria GYN - Periods 12x30x5, were prolonged and irregular for 3 years before menopause at 48. NP - Always "nervous." Musculoskeletal - Frequent backache

- 192 -

### STATE Test A GENERAL PHYSICAL EXAMINATION

TPR, BP - 37°, 80, 18, 180/112 A BUCK CONTRACT STRATT AND AND  $E_{\rm p}$ , wgt. - 5'0", 190 lbs. General description - Well-developed, obese W.F. and the entry of and a cost to Skin - Moist Lymphatics - Not enlarged as in a the state of the the state of the Stephen and All of the practice Head and face - Well-formed A HARDER MAN Hair - Unremarkable Eyes - Grade II changes, capillary microaneurisms Ears steleft drum perforated Nose - Unobstructed 3.5 Mouth, teeth, throat - Nothing abnormal The section and an Neck - Supple THE REPORT OF A LARDER OF THE STREET Trachea - Midline Thyroid - Not enlarged 11821 - L Vessels - Undistended Chest, Well-formedonly, M. W. (Markey Charles Charles of States) - oral, and entrealed Breasts and axillae No abnormalities Heart - Normal size, no murmurs · · · · · · · · · · · · · Lungs - No abnormalities noted we and the press of the Abdomen - Obese Liver, spleen, kidneys - Not felt and a state water water water is at Masses - Not noted the states of the second second 4 875 gal - 23 J - 31 Pelvic examination - Pap smear taken, see report. and the set offers. Hair distribution - Normal Ext. genitalia - Atrophic with a set of the SUB glands - Not enlarged 8.3 M. 1 - ----Introitus and perineum - Intact A . The the set of the set of the Vagina - Atrophic the second state of the second state of the Cervix - Atrophic Uterus - Not enlarged, mid-position as a state of the the state for the state Adnexa - Not palpable - Addesse - Month and - Mangalander and 化环境合成效应 计过程序 透开分子 Sphincter - Intact a and a star a store a star a serie a store in a Back - No abnormalities noted 人名英法马特尔 一 在此的过去分词人 计正式存在分类 人口 Extremities - Well-formed Pulses - All present and equal Deep tendon reflexes ~ Physiologic Neurological - Within normal limits and the man of the state of the second state of the second state of the second state of the second state of the CARLES STREET starigated substances out a contract of and a sub-US PRICE MEL AND A SUPPORT AND IS BUTT . IS . INTER STRATE WE STRANDER . J & S THE REAL MALE THAT AND A REAL POINTS

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Test <u>A</u> - DIAGNOSTIC STUDIES AND PROCEDURES

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MISTRIES (blood, serum) Alk. phosphatase - 4 K-A units/100 ml. CHEMISTRIES (blood, serum) Bilirubin, direct, indirect - Report not available is a grant brand いたいぎ 一 日本語 Glucose, 2 hr. postprandial - 180 mg% Electrolytes, Na, K, Cl, CO2 - Na 140, K 3.8, Cl 98, CO2 25 - Rolling the star - star was been Urea nitrogen (BUN) - 10 mgm⁷ A THE AMERICAN STREET CLINICAL AND CYTOPATHOLOGY Stool for blood, OCP - Negative Cervico-vaginal pap smear - Class IV (positive) malignant cells present 行 计处理法 计通道 化 医动管 SEROLOGY and the second and the state of the second states and VDRL - Non-reactive HEMATOLOGY Blood group, and  $Rh - O_p$  Rh positive CBC - Hct. 36, WBC 8,000, differential normal · 10195年1月1日1日,十二年第四世纪第 URINE TESTS Urinalysis, complete - Specific gravity 1.010, pH 5.8, glucose 24, acetone negative, albumin positive, microscopic: occasional WBC and a second This are the aster a straight - the stage X-RAYS and the second states and the second Abdomen - Negative werte the matches Barium enema - Negative the second second second second Chest - Negative film; heart normal size 与大心理 李琛 一 新,多新苏 Cholecystogram - Report not available for the the state of the state GI series - No abnormalities Pelvis - Negative Association and a state Pyelogram (IVP) - Negative Skull - Negative Sectains with a shares all Spine - Negative TREASERS IN DECLARATE - 11 PROCEDURES Standal - Salysy BSP - Less than 6% retention at 45 minutes STANDING - XENTAT Cystoscopy - No abnormalities Darkfield exam for T. Pallidum - Negative Electrocardiogram - Left ventricular hypertrophy Examination under anesthesia - Findings: same as noted elsewhere that - intrad 100 W + 268202 Mat Frei test - Negative Glucose tolerance test - F 100, 1 hr. 220, 2 hr. 190, 3 hr. 140 PPD or Tuberculin test - Positive Proctosigmoidoscopy - Negative where our is not it in the state of Smears for Donovan bodies - Negative PSP - 40% excretion in 15 minutes Smears for H. Ducreyi - Negative DIAGNOSTIC SURGERY Biopsy cervix (punch) - Chronic cervicitis with squamous metaplasia Biopsy vagina - Not indicated Conization of cervix - Chronic cervicitis with squamous metaplasia D & C, endocervix - Endocervical tissue D & C, endometrium - Adenoacanthoma Exploratory laparotomy - No evidence of extension beyond the uterus, no enlarged lymph nodes or signs of peritoneal spread.

### APPENDIX I - 6 THERAPEUTIC PRODUCT

#### TEST <u>A</u>

Fifty year old obese, hypertensive, diabetic woman two years postmenopausal with vaginal bleeding. Physical examination and diagnostic workup is entirely negative, except fractional D & C which shows adenoacanthoma of endometrium without involvement of endocervix. Established diagnoses upon which treatment should be based:

Adenoacanthoma, primary, of endometrium, Stage I	551
Diabetes mellitus	592
Exogenous obesity	593
Pulmonary tuberculosis, inactive	598,

# APPENDIX J

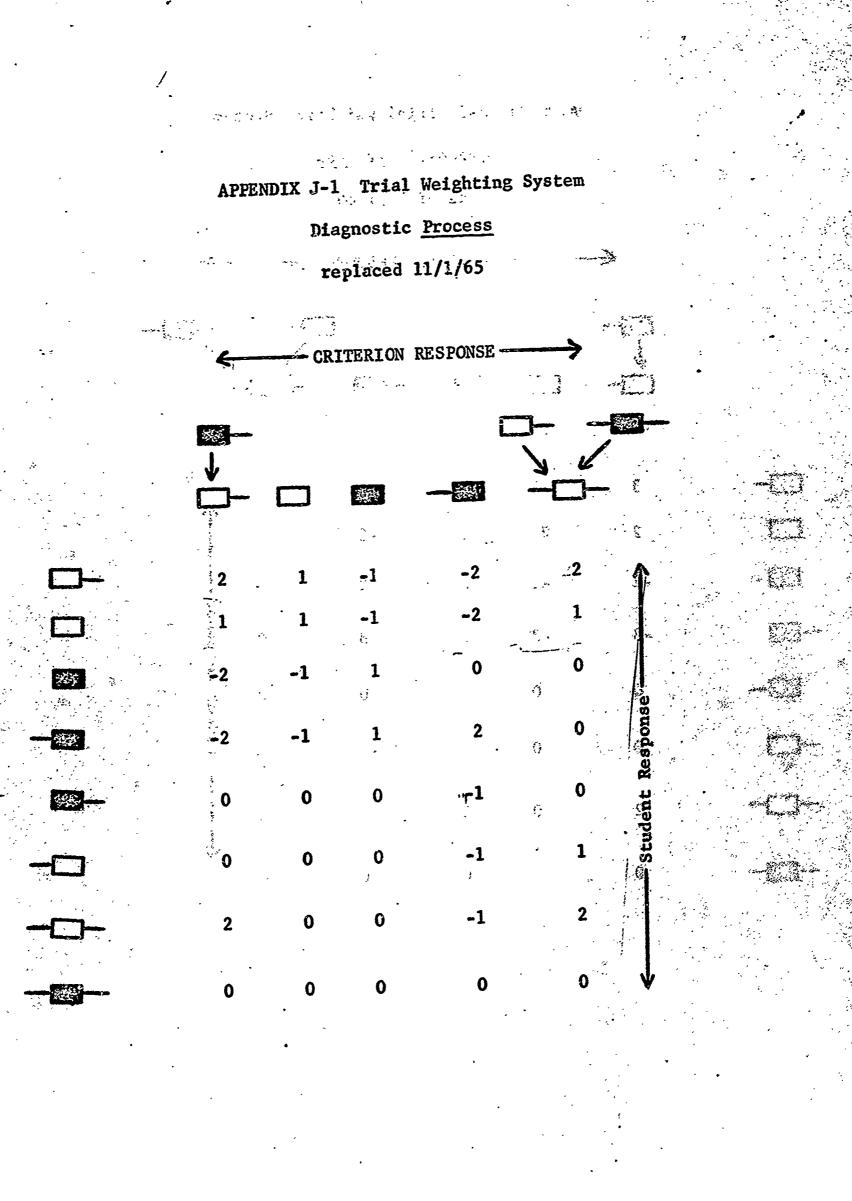
TRIAL WEIGHTING SYSTEM, DIAGNOSTIC PROCESS

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As of 9/24/65	199
As of 11/1/65	200
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As of 7/67 (Luther - 1)*	202
As of 7/67 (Luther - 2)*	203
	As of 11/1/65 As of 3/20/67 As of 7/67 (Luther - 1)*

Same as 3/20/67 but for ease in scoring.

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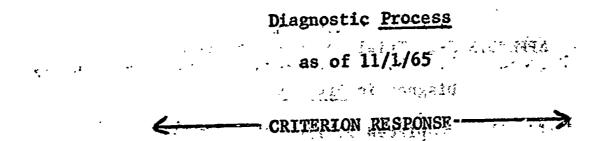
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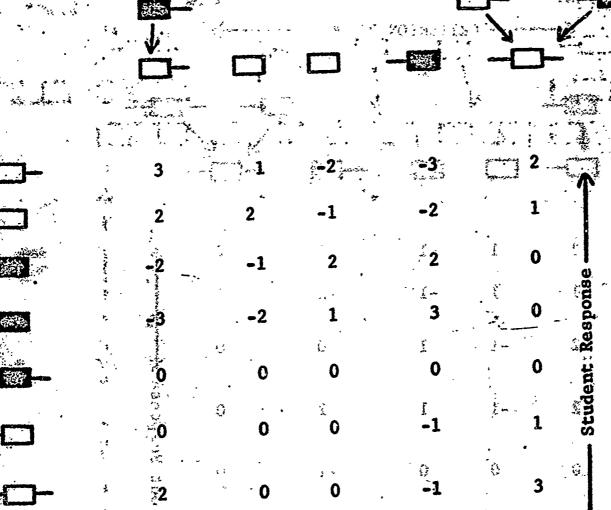
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# APPENDIX J-2. Trial Weighting System





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## APPENDIX J-3 Trial Weighting System

#### Diagnostic Process

as of 3/20/57 (same as 11/1/65 but prepared for new answer sheet)

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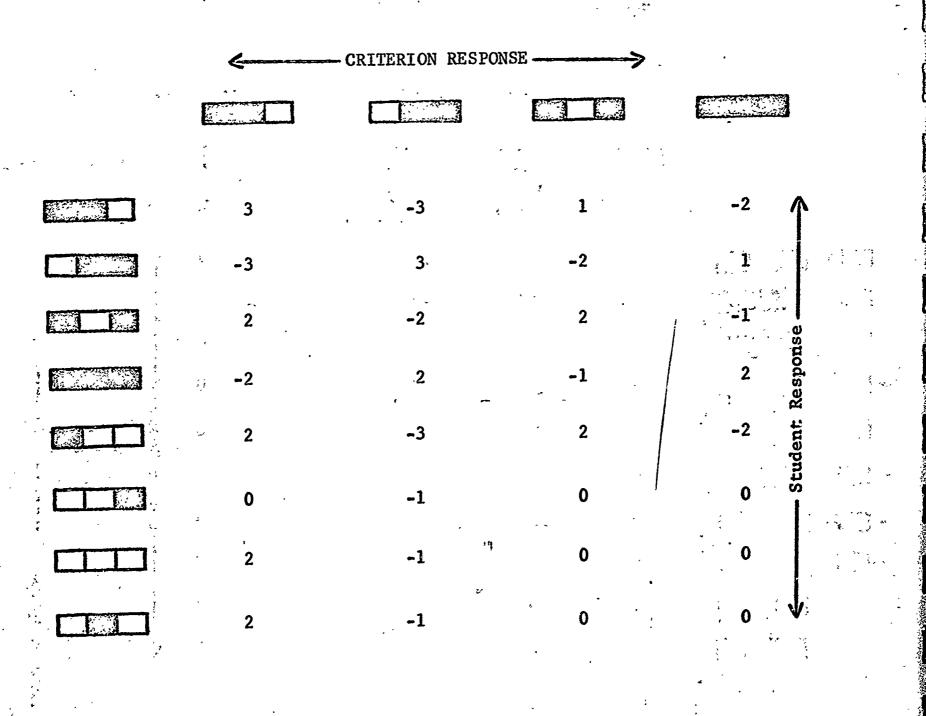
#### APPENDIX J-4 Trial Weighting System . . .

#### Diagnostic Process

# for ease in scoring (Luther-1) as of July 1967 (same as 3/20/67)

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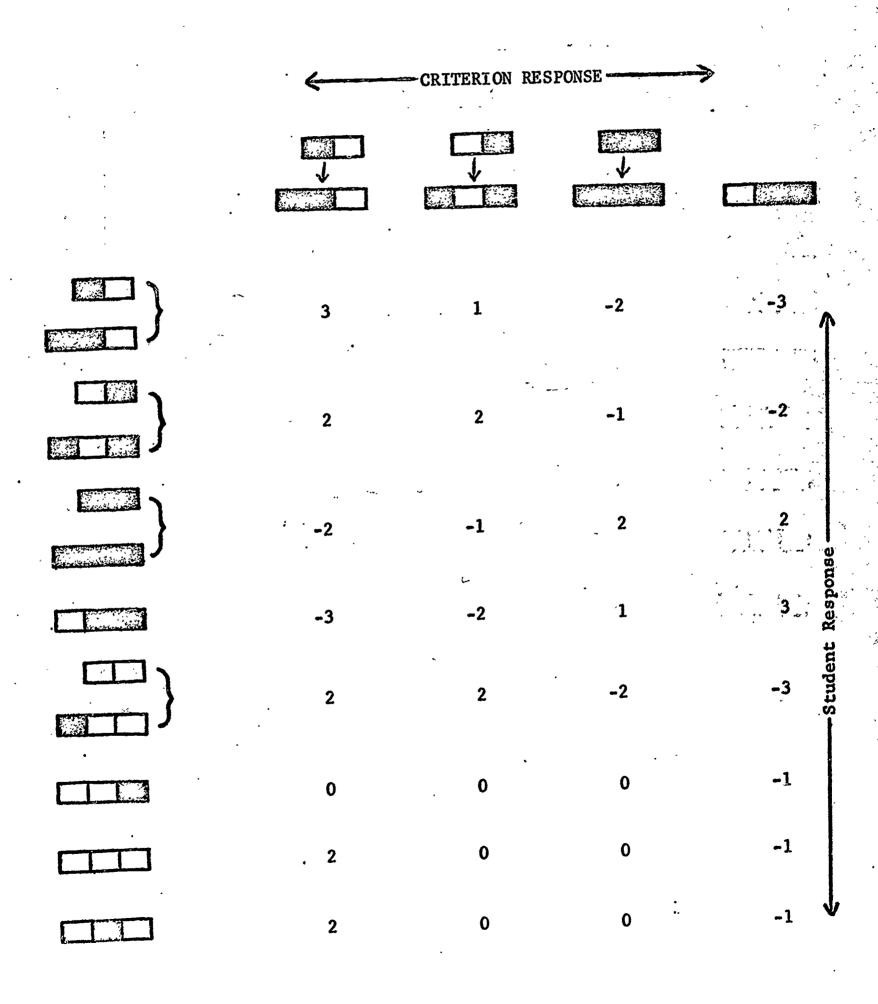


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# APPENDIX J-5 Trial Weighting System

### Diagnostic Process

for scoring ease (Luther-2) as of July 1967 (same as 3/20/57)



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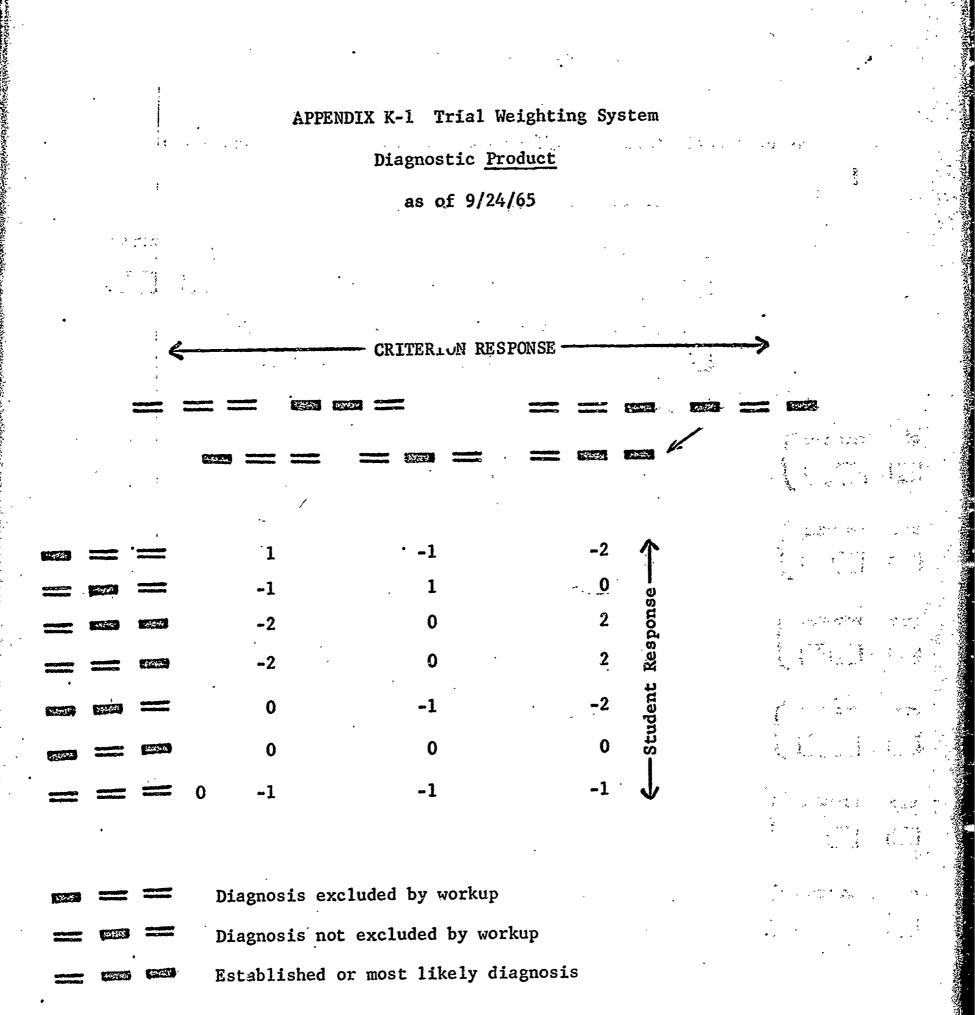
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# APPENDIX K

TRIAL WEIGHTING SYSTEM, DIAGNOSTIC PRODUCT

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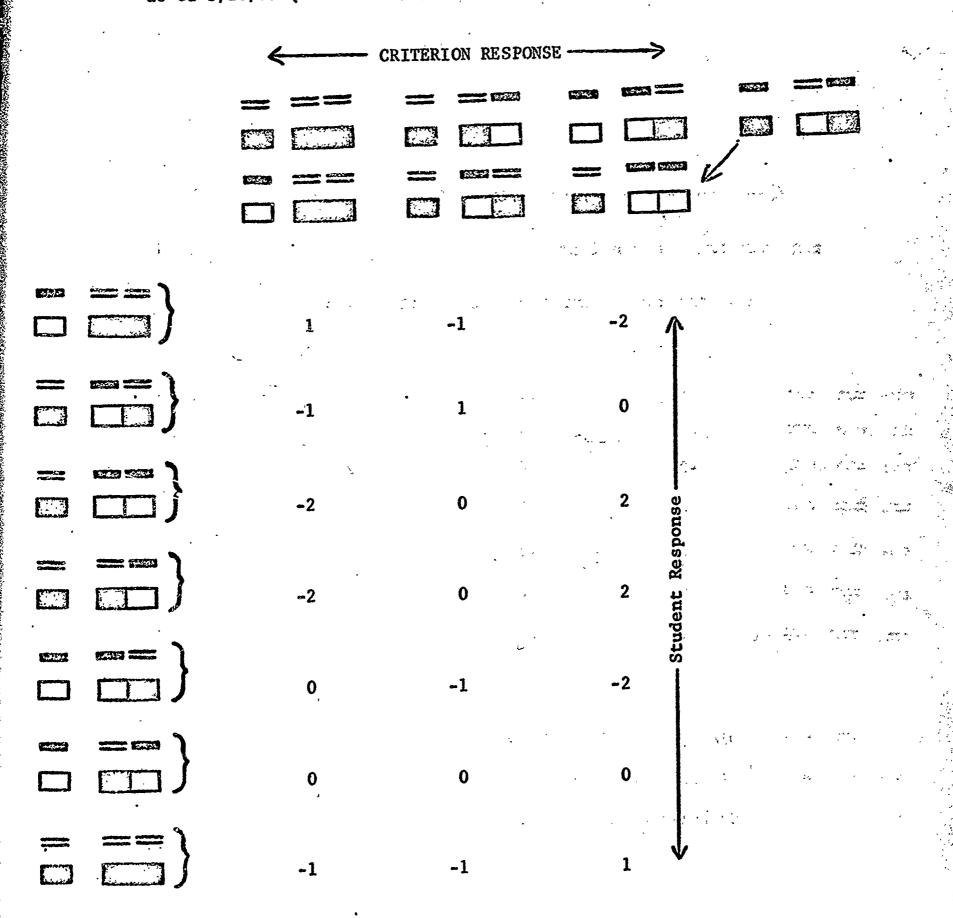
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# APPENDIX K-2 Trial Weighting System

### Diagnostic Product

as of 3/20/67 (same as 11/1/65 and 2/24/65) for new answer sheet



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# APPENDIX L

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LISTING OF INDIVIDUAL SCORES

`• <u>-</u>	· •	· · · · · · · · · · · · · · · · · · ·	PAGE
Test A	Pre-Test	(Tables 1 - 2)	211
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Test <u>A</u>	Pre-Test	(Table 15)	238
	Post-Test	(Tables 16 - 27)	239

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# Test A, Medical College of Georgia Pre-test, 2/7/66, 24 3rd year students

Maximum Scor	e 59	109	98		
STUDENT NO.	HISTORY	PHYSICAL	LABORATORY	DIAGNOSIS	TREATMENT
00625	13	38	39	excellent-2, good-1	alternate-correct-1, fatal mismgt1
00626	11	85	28 ·	fair-2, bad-1	inappropriate-1, alter- nate correct-1
00627	13	1	29	good-1, bad-1, fair-1	fatal mismgt1, alter- nate correct-1
00628	43	100	34	excellent-1, good-2	acceptable-1, fatal mismgt1
00629	7	1	29	bad-3	inappropriate-1, alter- nate correct-1
00630	42	94	27	bad-1, fair-2	inappropriate-1, alter- nate correct-1
00631	19	30	· 26	good-1, bad-1, fair-1	inappropriate-1, alter- nate correct-1
00632	15	5	42	bad-2; good-1	inappropriate-1, alter nate correct-1
00633	44	87	- 51	bad-3	inappropriate-1, alter- nate correct-1
00634	39	92	24	good-2, fair-1	fatal mismgt1, alter- nate correct-1
00635	, 32	70	29	bad-1, gcod-2	fatal mismgt1, alter- nate correct-1
00636	5	0	13	fair-2, bad-1	acceptable-1, alternate correct-1
0C637	46	89	32	fair-2, bad-1	acceptable-1, alternate correct-1
00638	36	91	50	excellent-2, good-1	fatal mismgt1, alter- nate correct-1
00639	43	89	55	bad∞3	fatal mismgt1, alter- nate correct-1
00640 ·	29	58	. 28	excellent-1, good-2	alternate correct-1, fatal mismgt1
00641	45	92	. 31	good-2, bad-1	fatal mismgt1, alter- nate correct-1
00642	13	11	38	fair-1, bad-1, good-1	acceptable-1, good-1
00643	46	90	33	excellent-2, good-1	fatal mismgt1, alter- nate correct-1
00644	37	91	24	fair-2, bad-1	. acceptable-2
00645	36	93	20	good-1, bad-1, fair-1	alternate correct-1, fagal mismgt1
00646	38	92	15	excellent-2, good-1	inappropriate-1, fatal mismgt1

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### Test A, Medical College of Georgia Pre-test, 2/7/66, 24 3rd year students

Maximum	Score	59	109	98		
STUDENT	NO.	HISTORY	PHYSICAL	LABORATORY	DIAGNOSIS	TREATMENT
00647		35	62	22	excellent-1, good-2	inadequate-1, alter-
00648	÷	47	96	29	fair-2, bad-1	nate correct-l inappropriate-1, alter nate correct-l
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Test A, Medical College of Georgia Pre-test, 4/11/66, 24 3rd year students

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Maximum	Score	59	109	98		
STUDENT	NO.	HISTORY	PHYSICAL	LABORATORY	DIAGNOSIS	TREATMENT
00680	<del>.</del>	32	13	12	excellent-2, good-1	acceptable-1, alter- nate correct-1
00681		35	93	50	excellent-2, good-1	best-1, fatal mismgt]
00682		31	59	16	fair-2, good-1	incomplete-1, alternation correct-1
00683		39	96	39	excellent-3	<pre>incomplete-1, alternate correct-1</pre>
00684		37	69	21	fair-2, bad-1	inadequate-1, alter- nate correct-1
00685	·	27	33	32	fair-2, bad-1	fatal mismgt1, alter nate correct-1
00686	•	4	4	40	excellent-2, good-1	inappropriate-1, alter nate correct-1
00687		<b>20</b> ·	40	14	bad-2, fair-1	fatal mismgt1, alternate correct-1
<b>0</b> 0688		46	80	41)	fair-2, bad-1	acceptable-1, fatal mismgt1
00689		4	36	- 44	excellent-1, good-2	alternate correct-1, fatal mismgt1
<b>0</b> 0690		<b>29</b>	37	24	excellent-3	fatal mismgt1, alter nate correct-1
<b>0</b> 0691		6	24	9	fair-2, bad-1	fatal mismgt1, alter nate correct-1
<b>0</b> 0692		22	103	32	excellent-2, good-1	best-1, inappropriate-
<b>0</b> 0693	•	47	66	42	excellent-1, good-1, bad-1	best-1, fatal mismgt
<b>0</b> 0694		44	90	50	good-3	fatal mismgt1, alter nate correct-1
00695		43	92	37	good-1, bad-1, fair-1	alternate correct-1, fatal mismgt1
00696	•_	36	91	53	bad-3	acceptable-1, alternat correct-1
00697		39	<b>91</b>	31	fair-1, bad-2	acceptable-1, fatal mismgt1
00698		39	87	39	fair-2, bad-1	inappropriate-1, alter nate correct-1
00699		26	39	37	excellent-3	best-1, inappropriate-
00700		20	10	37	bad-2, fair-1	fatal mismgt1, alter nate correct~1
00701		38	77	-1	excellent~2, good-1	fatal mismgt1, alter nate correct-1

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## Test A, Medical College of Georgia Pre-test, 4/11/66, 24 3rd year students

Maximum	Scor	e 59	109	98		
STUDENT	NO.	HISTORY	PHYSICAL	LABORATORY	DIAGNOSIS	TREATMENT
00702	1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999	18	19	27	good-3	fatal mismgt1, alter- nate correct-1
00703		37	40	50	good-3	fatal mismgt1, alter- nate correct-1

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Test A, Medical College of Georgia Post-test, 11/8/65, 22 3rd year students

Maximum Scor	:e 59	109	98	•	· .
STUDENT NO.	HISTORY	PHYSICAL	LABORATORY	DIAGNOSIS	TREATMENT
00549	36	82	36	excellent-3	fatal mismgt1, alter- nate correct-1
00563	42	93	49	excellent-1, good-1, bad-1	best-1, inappropriate-1
00564	45	82	49	good-1, bad-2	fatal mismgt-1, alter- nate correct-1
00565	45	71	36	excellent-3	alternate correct-1, inappropriate-1
00566	52	89	53	excellent-3	fatal mismgt-1, alter- nate correct-1
00567 .	49	_97	63	excellent-2, good-1	alternate correct-1, fatal mismgt:-1
00568	39	95	7	good-3	inappropriate-1, alter- nate correct-1
00569	42	91	37	excellent-3	best-1, inappropriate-1
00570	40	83	_ 37	bad-1, good-1, fair-1	fatal mismgt, 1, alter- nate correct-1
00571	46	85	21	good-1, bad-1, fair-1	fatal mismgt1, alter- nate correct-1
00572	5	53	37	bad-3	fatal mismgt1, alter- nate correct-1
<b>00573</b> -	· 37	58	33	bad-3	inadequate-1, alternate correct-1
00574	46	92	17	excellent-2, good-1	best-1, inappropriate-1
00575	45	94	26	excellent-2, good-1	fatal mismgt1, alter- nate correct-1
00576	48	82 ·,	62	bad-3	acceptable-1, alternate correct-1
00577 ·	45	90	61	bad-3	fatal mismgt1, alter- nate correct-1
00578	47	89	49		fatal mismgt1, alter- nate correct-1
00579	45	96	38	excellent-3	fatal mismgt1, alter- nate correct-1
00580	45	91	54	excellent-3	fatal mismgt1, alter- nate correct-1
00581	46	89	46	excellent-3	fatal mismgt1, alter- nate correct-1
00582	44	88	58	excellent-2, good-1	fatal mismgt1, alter- nate correct-1
00583	[·] 45	94	41 -	•excellent-3 215 -	incomplete-1, alternate correct-1

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Test A, Medical College of Georgia Post-test, 1/17/66, 22 3rd year students

| Maximum Scor  | e 59        | 109           | 98         |                               |                                           |
|---------------|-------------|---------------|------------|-------------------------------|-------------------------------------------|
| STUDENT NO.   | HISTORY     | PHYSICAL      | LABORATORY | DIAGNOSIS                     | TREATMENT                                 |
| 00600         | 46          | 93            | 29         | good-1, bad-1,<br>fair-1      | best-1, good-1                            |
| 00601         | 28          | 88            | 24         | fair-2, bad-1                 | inappropriate-1, alter-<br>nate correct-1 |
| 00602         | 34          | 93            | 26         | excellent-1, bad-1,<br>good-1 | fatal mismgt1, alter-<br>nate correct-1   |
| 00603         | 42          | 95            | 57         | fair-2, bad-1                 | acceptable-1, fatal<br>mismgt1            |
| <b>0</b> 0604 | 34          | 89            | 36         | fair-2, bad-1                 | inappropriate-1, alter-<br>nate correct-1 |
| <b>0</b> 0605 | 29          | 91            | 21         | bad-2, good-1                 | fatal mismgt1, alter-<br>nate correct-1   |
| 00606         | 37          | 86            | · 30       | excellent-3                   | alternate correct-1,<br>fatal mismgt1     |
| <b>0</b> 0607 | <b>22</b> . | 90            | 32         | excellent-1, fair-2           | fatal mismgt1, alter-<br>nate correct-1   |
| 00608         | 46          | . 92          | 36         | good-1, bad-1,<br>fair-1      | fatal mismgt1, alter-<br>nate correct-1   |
| <b>0</b> 0609 | 40          | . <b>91</b> . | 1          | good-3                        | inappropriate-1, alter-<br>nate correct-1 |
| 00610         | 41          | 93            | 36         | excellent-3                   | fatal mismgt1, alter-<br>nate correct-1   |
| 00611         | 45          | 86            | 33         | excellent-3                   | fatal mismgt1, alter-<br>nate correct-1   |
| 00612         | 48          | 90            | 29         | bad-2, good-1                 | fatal mismgt1, alter-<br>nate correct-1   |
| 00613         | 41          | 87            | 42         | good-1, bad-1,<br>fair-1      | inappropriate-1, alter-<br>nate correct-1 |
| 00614         | 47          | 90            | 16         | fair-2, bad-1                 | acceptable-1, fatal<br>mismgt1            |
| 00615         | · 47        | 94            | 42         | fair-1, bad-1                 | inadequate-1, alternate<br>correct-1      |
| 00616         | 46          | 89            | . 48       | bad-3                         | acceptable-1, fatal mismgt1               |
| 00617         | 46          | 80            | 34         | excellent-1, good-2           | best-1, inappropriate-1                   |
| 00618         | 49          | 93            | <b>5</b> 5 | good-3                        | inappropriate-1, alter-<br>nate correct-1 |
| 00619         | 48          | 88            | 39         | fair-2, bad-1                 | acceptable-1, fatal<br>mismgt1            |
| 00620         | 46          | 98            | 47         | fair-2, bad-1                 | fatal mismgt1, alter-<br>nate correct-1   |
| . 00621       | 30          | 66            | 51         | fair-2, bad-1                 | inadequate-1, alternate<br>correct-1      |

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Test A, Medical College of Georgia Post-test, 5/23/67, 93 3rd year students

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| Maximum Scor  | e 59    | 109         | 98         | ·                            |                                |
|---------------|---------|-------------|------------|------------------------------|--------------------------------|
| STUDENT NO.   | HISTORY | 'PHYSICAL   | LABORATORY | DIAGNOSIS                    | TREATMENT                      |
| 01093         | 45      | 93          | 31         | fair-1, bad-2                | good-2, fair-2                 |
| · .<br>01094  | 46      | 94          | 14         | good-3                       | bad-3, fair-1                  |
| 01095         | 46      | 89          | 62         | excellent-3                  | good-1, bad-3                  |
| 01096         | 40      | 85          | 53         | fair-2, bad-1                | good-2, bad-1,<br>fair-1       |
| <b>C</b> 1097 | 47      | 89          | 33         | fair-2, bad-1                | bad-2, fair-2                  |
| 01098         | 46      | 92          | 54         | fair-2, bad-1                | bad-4                          |
| 01099         | 46      | 89          | 46         | fair-2, bad-1                | good-2, bad-1<br>fair-1        |
| 01100         | 31      | 87          | 20         | excellent-2,<br>good-1       | incomplete-1, good-1<br>bad-2  |
| 01101         | 39      | <b>.</b> 90 | 45         | fair-2, bad-1                | bad-4                          |
| 01102         | 47      | <b>67</b>   | 55         | fair-2, bad-1                | bad-4                          |
| 01103         | 0       | -9          | 29         | excellent-3                  | bad-3, fair-1                  |
| .01104        | 47      | 90          | 36         | excellent-2, good-1          | bad-3, fair-1                  |
| 01105         | 46      | 80          | 30         | excellent-3                  | incomplete-1, bad-2,<br>good-1 |
| 01106         | 32      | 87          | 57         | excellent-3                  | bad-3, good-1                  |
| 01107         | 18      | 59          | 41         | fair-2, bad-1                | good-2, bad-1, fair-1          |
| 01108         | 46      | 91          | • 6        | excellent-3                  | good-2, fair-1                 |
| 01109         | 49      | 85          | 19         | excellent-3                  | bad-4, fair-1                  |
| 01110         | 21      | 54          | 41         | excellent-2, good-1          | good-2, fair-2                 |
| 01111         | 46      | . 92        | 35         | excellent-1, good-1<br>bad-1 | bad-4                          |
| 01112         | 42      | · 82        | 31         | bad-1, fair-2                | ·bad-4                         |
| 01113         | 34      | 71          | 38         | fair-2, bad-1                | bad-4                          |
| 01114         | 43      | 89          | 41         | bad-2, fair-1                | bad-3, fair-1                  |
|               |         |             |            |                              | •                              |

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# Test A, Medical College of Georgia Post-test, 5/23/67, 93 3rd year students

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|---------------------|-----------|-----------------------------------|------------|-------------------------------|--------------------------------|
| Maximum Sco         | re 59     | 109                               | 98         |                               |                                |
| STUDENT NO.         | HISTORY   | PHYSICAL                          | LABORATORY | DIAGNOSIS                     | TREATMENT                      |
| 01115               | . 29      | . 81                              | 28         | good-2, excellent-1           | bad-4                          |
| <b>0</b> 1116       | 33        | 82                                | 37         | excellent-3                   | bad-3, fair-1                  |
| 01117               | 47        |                                   | .30        | bad-3                         | excellent-2, bad-1,<br>fair-1  |
| 01118               | <b>45</b> | 95                                | 48         | excellent-3                   | bad-4                          |
| 01119               | 48        | 89                                | 14         | bad-3                         | bad-3, incomplete-1            |
| <b>0</b> 1120       | 37        | <b>8</b> 8                        | 6          | bad-2, fair-1                 | bad-3, fair-1                  |
| <del>0</del> 1121 · | 33        | -91                               | 22         | excellent-2, good-1           | bad-2, fair-1,<br>good-1       |
| 01122               | 42        | 89                                | 4          | excellent-2, good-1           | good-2, fair-2                 |
| 01123               | 46        | - 89                              | 54         | excellent-2, good-1           | bad-4                          |
| 01124               | . 37      | <b>49</b>                         | . 42       | fair-2, bad-1                 | good-2, bad-1,<br>fair-1       |
| 01125               | 44        | 89                                | 23         | fair-2, bad-1                 | bad-3, fair-1                  |
| 01126               | 45        | 96                                | 54         | excellent-1, good-1,<br>bad-1 | excellent-1, bad-1,<br>fair-2  |
| 01127               | 47        | 89                                | 35         | fair-2, bad-1                 | bad-3, fair-1                  |
| 01128               | 46        | 82                                | 36         | excellent-2, good-1           | fair-3, good-1                 |
| 01129               | 35        | 57                                | 60         | good-1, bad-1,                | excellent-2, fair-1,<br>bad-1  |
| 01130               | 40        | 92                                | 31         | fair-1<br>fair-2, bad-1       | good-2, bad-1,<br>fair-1       |
| 01131               | 46        | 80                                | 42         | fair-1, bad-1,                | bad-2, incomplete-2            |
| 01132               | 43        | 91                                | 28         | good-1<br>good-1, bad-1,      | fair-3, good-1                 |
| 01133               | 45        | . 93                              | 33         | fair-1<br>excellent-2, good-1 | fair-3, good-1                 |
| 01134               | 44        | 91                                | 27         | good-2, excellent-1           | excellent-1, good-2,<br>fair-1 |
| 01135               | 9         | 32                                | 47         | fair-2, bad-1                 | bad-3, fair-1                  |
| 01136               | 47        | 91                                | 49         | excellent-3                   | excellent-1, fair-2,<br>good-1 |

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Test A, Medical College of Georgia Post-test, 5/23/67, 93 3rd year students

| Maximum Scor | e 59        | 109         | 98         |                          | i                              |
|--------------|-------------|-------------|------------|--------------------------|--------------------------------|
| STUDENT NO.  | HISTORY     | PHYSICAL    | LABORATORY | DIAGNOSIS                | TREATMENT                      |
| 01137        | 33          | 82          | . 57       | fair-2, bad-1            | bad-4                          |
| 01138        | 47          | 92          | 36         | excellent-3              | fair-1,.bad-3                  |
| 01139        | 43          | 84          | 34         | excellent-3              | bad-3, fair-1                  |
| 01140        | 46          | 86          | 32         | excellent-3              | bad-2, good-1,<br>fair-1       |
| 01141        | 40          | 57          | 34         | excellent-1, good-2      | bad-2, fair-2                  |
| 01142        | 33          | 91          | 19         | excellent-2, good-1      | bad-4                          |
| 01143        | 44          | 66          | 56         | excellent-2, good-1      | excellent-1, fair-1,<br>bad-2  |
| •<br>•       | 47          | 80          | 22         | bad-3                    | bad-4                          |
| 01145        | 44          | 91          | 63         | fair-2, bad-1            | bad-4                          |
| 01146        | 43          | 9           | 44         | fair-2, bad-1            | bad-4                          |
| 01147        | 46          | 80          | 49         | fair-2, bad-1            | َّbad-4                        |
| 01148        | 44          | 89          | 12         | fair-2, bad-1            | fair-1, incomplete-1,<br>bad-2 |
| 01149        | 46          | 91          | 25         | excellent-3              | excellent-1, good-1,<br>fair-2 |
| 01150 .      | 46          | 90          | . 13       | bad-1, fair-2            | fair-1, bad-3                  |
| 01151        | <b>47</b> . | 91          | 42         | good-1, bad-1,<br>fair-1 | good-2, bad-2                  |
| 01152        | 43          | <b>81</b> . | 23         | excellent-3              | excellent-2, bad-1,<br>fair-1  |
| 01153 .      | 39          | <b>91</b>   | 32         | bad-1, fair-2            | good-1, bad-3                  |
| 01,154       | 47          | 86          | 31         | bad-3                    | bad-4                          |
| 01155        | 33          | 84          | 19         | bad-1, fair-2            | bad-4                          |
| 01156        | 40          | 90          | · 17       | excellent-2, good-1      | good-1, bad-3                  |
| 01157        | 44          | 85          | 75         | bad-1, fair-2            | fair-1, bad-3                  |
| 01158        | 47          | 87          | 51         | excellent-1, bad-2       | good-1, bad-3                  |

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# Test A, Medical College of Georgia Post-test, 5/23/67, 93 3rd year students

|              |         |          |            | والمنافق والجروان والمستعد الأوالي والمحاولة الجروبين المروا التي ومسمور المسالين ويادي وا | and a second |
|--------------|---------|----------|------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Maximum Scor | e 59    | 109      | 98         |                                                                                            | •<br>•                                                                                                         |
| STUDENT NO.  | HISTORY | PHYSICAL | LABORATORY | DIAGNOSIS                                                                                  | TREATMENT                                                                                                      |
| 01159        | 36      | 88       | 57         | excellent-3                                                                                | bad-4                                                                                                          |
| 01160        | 47      | 88       | 37         | bad-1, fair-2                                                                              | bad-4                                                                                                          |
| 01161        | 36      | 82       | 38         | bad-1, fair-2                                                                              | bad-4                                                                                                          |
| 01162        | 48      | 92       | 40         | good-1, bad-1,<br>fair-1                                                                   | good-1, bad-3                                                                                                  |
| 01163        | 46      | 82       | 43         | excellent-3                                                                                | bad-4                                                                                                          |
| 01164        | 46      | 80       | 30         | fair-1, bad-1,<br>good-1                                                                   | good-1, fair-2,<br>bad-1                                                                                       |
| 01165        | 44      | -93      | 46         | excellent-3                                                                                | good-1, bad-3                                                                                                  |
| 01166        | 26      | 77       | 27         | excellent-1, good-2                                                                        | bad-2, good-1,<br>fair-1                                                                                       |
| 01167        | 30      | 89       | 50         | good-1, excellent-2                                                                        | bad-4                                                                                                          |
| 01168        | 46      | 93       | 33         | bad-1, fair-2                                                                              | fair-1, bad-3                                                                                                  |
| 01169        | 37      | 62       | 58         | bad-1, fair-2                                                                              | fair-1, bad-3                                                                                                  |
| 01170        | 6       | -3       | 36         | good-1, bad-1,<br>fair-1                                                                   | good-1, bad-3                                                                                                  |
| 01171        | 27      | 86       | 43         | excellent-1, good-2                                                                        | bad-1, fair-1,<br>excellent-2                                                                                  |
| 01172        | 38      | 91       | 33         | bad-1, fair-2                                                                              | good-1, bad-3                                                                                                  |
| 01173        | 17      | 19       | 66         | bad-1, fair-2                                                                              | bad-4                                                                                                          |
| 01174        | 46      | 92       | 33         | excellent-3                                                                                | bad-2, fair-1,<br>good-1                                                                                       |
| 01175        | 46      | 93       | 31         | good-1, excellent-3                                                                        |                                                                                                                |
| 01176        | 37      | 94       | . 27       | bad-1, fair-2                                                                              | fair-1, bad-3                                                                                                  |
| 01177        | 46      | 92       | 28         | bad-1, fair-2                                                                              | fair-1, bad-3                                                                                                  |
| 01178        | 46      | 91       | 34         | excellent-1, good-2                                                                        | bad-1, fair-1,<br>excellent-2                                                                                  |
| 01179        | 44      | 94       | 49         | good-1, excellent-2                                                                        |                                                                                                                |
| 01180        | 37      | 89       | 51         | bad-1, fair-2                                                                              | bad-4                                                                                                          |

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Test A, Medical College of Georgia Post-test, 5/23/67, 93 3rd year students

| Maximum Sc | ore 59    | 109      | 98         |                          |                               |
|------------|-----------|----------|------------|--------------------------|-------------------------------|
| STUDENT NO | . HISTORY | PHYSICAL | LABORATORY | DIAGNOSIS                | TREATMENT                     |
| 01181      | · 35      | . 92     | 40         | bad-1, fair-2            | fair-1, bad-3                 |
| 01182      | 31        | 88       | 49         | bad-1, excellent-2       | good-1, fair-1,<br>bad-2      |
| 01183      | 47        | 87       | 47         | good-1, bad-1,<br>fair-1 | fair-1, bad-3                 |
| 01184      | 41        | 90       | 50         | excellent-3              | excellent-2, bad-1,<br>fair-1 |
| 01185      | 47        | 83       | 47         | good-1, excellent-3      | bad-1, excellent-1,<br>good-2 |

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# Test A, Medical College of Georgia Post-test, 5/23/66, 31 4th year students

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| Maximum Scor  | e 59        | 109      | 98         |                               |                                           |
|---------------|-------------|----------|------------|-------------------------------|-------------------------------------------|
| STUDENT NO.   | HISTORY     | PHYSICAL | LABORATORY | DIAGNOSIS                     | TREATMENT                                 |
| 00791         | 33          | 81       | . 31       | excellent-2, good-1           | fatal mismgt1,<br>alternate correct-1     |
| <b>0</b> 0792 | 8           | 29       | 50         | good-1, bad-1,<br>fair-1      | fatal mismgt1,<br>alternate correct-1     |
| 00793         | . <b>7</b>  | 28       | 57         | bad-2, good-1                 | fatal mismgt1<br>alternate correct-1      |
| <b>00794</b>  | 34          | 9        | . 43       | good-1, bad-1,<br>fair-1      | acceptable-1,<br>alternate correct-1      |
| 00795         | 12          | 21       | 28         | good-1, bad-1,<br>fair-1      | incomplete-1,<br>alternate correct-1      |
| <b>00796</b>  | . 30        | 80       | . 31       | excellent-2, good-1           | inadequate-1, alter-<br>nate correct-1    |
| 00797         | 16          | -17      | 44         | fair-2, bad-1                 | inappropriate-1, alter-<br>nate correct-1 |
| 00798         | . 45        | 13       | 43         | fair-2, bad-1                 | acceptable-1, fatal<br>mismgt1            |
| 00799         | -6          | -22      | 29         | bad-2, good-1                 | inadequate-1, alternate                   |
| 00800         | 39          | 90       | 39         | good-3                        | fatal mismgt1, alter-<br>nate correct-1   |
| 0080i         | <b>27</b> . | 44       | 48         | excellent-2, good-1           | fatal mismgt1, alter<br>nate correct-1    |
| 00802         | 33          | 94       | · 31       | excellent-2, good-1           | alternate correct-1,<br>fatal mismgt1     |
| 00803         | . 9         | 2        | 59         | excellent-1, good-1,          | inadequate-1, alter-<br>nate correct-1    |
| 00804 .       | -1          | -2       | 40         | bad-1<br>good-2, excellent-1  | fatal mismgt1, alter<br>nate correct-1    |
| 00805         | 14          | 15       | 43         | fair-2, bad-1                 | fatal mismgt1, alter<br>nate correct-1    |
| 00806         | 32          | 81 .     | 39         | good-1, bad-1,<br>fair-1      | inadequate-1, alternat<br>correct-1       |
| 00807         | -10         | -15      | 27         | excellent-1, fair-1,          | inappropriate-1, alter<br>nate correct-1  |
| 00808         | 18          | 18       | 46         | good-1<br>excellent-2, good-1 | inadequate-1, alter-<br>nate correct-1    |
| 00809         | 20          | 40       | 31         | excellent-1, good-1,<br>bad-1 | inadequate-1, alter-<br>nate correct-1    |
| 00810         | 23          | 60       | 33         | fair-2, bad-1                 | fatal mismgt1, alter<br>nate correct-1    |
| 00811         | 43          | 90       | 27         | fair-2, bad-1                 | fatal mismgt1, alter<br>nate correct-1    |
| 00812         | 42          | 85       | 58         | fair-2, bad-1                 | fatal mismgt1, alter<br>nate correct-1    |

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### Test A, Medical College of Georgia Post-test, 5/23/66, 31 4th year students

| laximum Score | e 59    | 109      | 98                  |                          |                                                      |
|---------------|---------|----------|---------------------|--------------------------|------------------------------------------------------|
| STUDENT NO.   | HISTORY | PHYSICAL | LABORATORY          | DIAGNOSIS                | TREATMENT                                            |
| 00813         | 43      | 84       | 46                  | fair-2, bad-1            | fatal mismgt1, alter-<br>nate correct-1              |
| 00814         | 40      | 89       | 35                  | fair-2, bad-1            | inappropriate-1, alter-<br>nate correct-1            |
| 0815          | 46      | 91       | 32                  | excellent-3              | inadequate-1, alternate<br>correcte-1                |
| 0816          | 34      | 89       | 28                  | fair-2, bad-1            | incomplete-1, alternate                              |
| 00817         | 40      | 82       | 46                  | good-1, bad-1,           | correct-1<br>fatal mismgt1, alter-                   |
| 00818         | 42      | 83       | 40                  | fair-1<br>fair-2, good-1 | nate correct-1<br>inadequate-1, alternate            |
| 00819         | 16      | - 3      | 38                  | good-1, bad-1,<br>fair-1 | correct-1<br>fatal mismgt1, alter-<br>nate correct-1 |
| 00820         | 34      | 84       | 37                  | excellent-2, good        |                                                      |
|               |         | •        | , v                 | ,                        |                                                      |
|               |         |          | •                   |                          | en e             |
|               |         | •<br>,   | · ·, ``ť · ;        | •                        | en e             |
|               |         | · 1      | · 2 ·               |                          | ·····································                |
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|               |         |          |                     |                          |                                                      |
|               |         |          |                     |                          | 25 33 <b>35</b> 10                                   |
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# Test A, Medical College of Georgia Post-test, 5/22/67, 90 4th year students

| Maximum Scor | e 59     | 109       | 98         | · · · · · · · · · · · · · · · · · · · |                                 |
|--------------|----------|-----------|------------|---------------------------------------|---------------------------------|
| STUDENT NO.  | HISTORY  | PHYSICAL  | LABORATORY | DIAGNOSIS                             | TREATMENT                       |
| 01186        | 2        | . 31      | 61         | ¢                                     |                                 |
| 01187        | 43       | 79        | 44         | excellent-2, good-1                   | guod-2, bad-1,<br>fair-1        |
| 01188        | 47       | 91        | 40         | bad-2, excellent-1                    | good-2, bad-2                   |
| 01189        | 33       | 85        | 15         | excellent-3                           | good-1, fair-3                  |
| 01190        | . 39     | 91        | 0          | good-1, excellent-2                   | good-1, fair-1,<br>bad-2        |
| 01191        | 42       | 82        | 25         | good-1, excellent-2                   | excéllent-1, good-1,<br>fair-2  |
| 01192 .      | 46       | - 83      | 18         | excellent-3                           | bad-4                           |
| 01193        | 31       | 97        | 40         | bad-1, fair-2                         | excellent-1, good-1,<br>fair-2  |
| 01194        | 33       | - 43      | 42         | good-1, fair-2                        | bad-2, incomplete-2             |
| 01195        | 28       | <b>26</b> | . 31       | good-1, bad-1,<br>excellent-1         | good-1, bad-3                   |
| 01196        | 46       | 83        | 40         | excellent-3                           | fair-1, bad-3                   |
| 01197        | 46       | 80        | 29         | good-1, bad-1,<br>fair-1              | bad-1, fair-3                   |
| 01198        | 47       | 66        | 32         | excellent-3                           | excellent-1, fair-3             |
| 01199        | 28       | 49        | 39         | bad-1, fair-2                         | fair-1, bad-3                   |
| 01200        | 46       | · 82      | 12         | fair-1, bad-1,<br>good/1              | fair-1,<br>bad-2, incomplete-1. |
| 01201        | 33       | 90        | 25         | excellent-1, fair-1,<br>bad-1         |                                 |
| 01202        | 46       | 80        | 65         | good-1, excellent-2                   | bad-4                           |
| 01203        | 46       | 79        | 37         | bad-3                                 | incomplete-1, bad-3             |
| 01204        | -8       | -31       | 42         | excellent-1, fair-1, good-1           | bad-2, good-1,<br>fair-1        |
| 01205        | 25       | 94        | 23         | excellent-1, good-2                   | • • • • • •                     |
| 01206        | 31       | ÷2        | 29         | bad-1, fair-2                         | bad-2, fair-1,<br>good-1        |
| 01207        | 46       | 61        | 59         | good-1, excellent-2                   | bad-2, fair-2                   |
|              | <i>'</i> |           |            | _                                     | į                               |

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## Test A, Medical College of Georgia' Post-test, 5/22/67, 90 4th year students

| Maximum S      | Score        | 59     | 109                    | 98         |                               |                                | <u>ک</u>                              |
|----------------|--------------|--------|------------------------|------------|-------------------------------|--------------------------------|---------------------------------------|
| STUDENY I      | NO. H        | ISTORY | PHYSICAL               | LAPORATORY | DIAGNOSIS                     | TREATMENT                      | , <u>;</u> ; ;                        |
| 01208          |              | 26     | 93                     | 24         | good-1, excellent-2           | excellent-1, good<br>fair-2    | -1, , .                               |
| 01209          |              | 43     | 78                     | 46         | bad-1, fair-2                 | bad-4 .                        | ,                                     |
| 01210          |              | 33     | 85                     | 49         | excellent-3                   | excellent-2, good              | -2                                    |
| 01211          |              | 46     | 93                     | 37         | good-1, excellent-2           | excellent-1, good<br>fair-2    | -1,                                   |
| 01212          |              | 37     | 80                     | 19         | excellent-3                   | good-1, fair-1,<br>bad-2       | • •                                   |
| 01213          |              | 43     | 77                     | 24         | good-1, bad-2                 | fair-1, good-1,<br>bad-2       |                                       |
| 01214          | •            | 43     | _94                    | 23         | excellent-3                   | good-1, fair-1,<br>bad-2       | <b>`•</b> .                           |
| 01215          |              | 42     | 91                     | 15         | excellent-3                   | bad-2, incomplete              | -2                                    |
| 01216          | :'           | 46     | <b>.</b> 84            | 29         | good-1, bad-1,<br>excellent-1 | bad-4                          | Net 1                                 |
| 01217          |              | 46     | <b>92</b> <sup>°</sup> | 26         | good-1, excellent-2           | bad-2, fair-2                  | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |
| 01218          | •            | 39     | 81                     | 40         | excellent-3                   | good-1, fair-3                 | (fexie                                |
| 01219          |              | 39     | 91                     | 22         | good-1, excellent-2           | bad-2,2fair-2                  | * ***                                 |
| 01220          |              | 47     | 89                     | 47         | excellent-1, good-2           | good-1, fair-1,<br>excellent-2 | \$.25                                 |
| 01221          | •            | 46     | 89                     | 30         | good-1, excellent-2           |                                | 5. gr 2                               |
| 01222          |              | 47     | 88                     | 22         | bad-1, fair-2                 | incomplete-1, bac              | 1-3                                   |
| 01223          |              | 10 -   | 92                     | 38         | good-1, excellent-2           | excellent-1, good<br>fair-2    | 1-1,                                  |
| 01224          | <b>.</b> , , | 51 👓   | 91                     | 41         | good-1, bad-2                 | good-1, bad-3                  | 25.4 m                                |
| <b>01225</b> , | •            | 45     | 88                     | -40        | fair-1, good-2                | <b>bad-4</b> 🚓                 |                                       |
| 01226          |              | 11     | s s <b>89</b>          | 27         | excellent-1, good-2           | bad-4                          |                                       |
| 01227          | · ·          | 40     | • <b>93</b>            | 55         | excellent-1, fair-1,<br>bad-1 | good-1                         |                                       |
| 01228          | •            | 42     | 87                     | 48         |                               | excellent-2, bad               | " <b>2</b>                            |

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### Test A, Medical College of Georgia Post-test, 5/22/67, 90 4th year students

| Maximum | Score              | 59          | 109               | 98              |                         | •                               |
|---------|--------------------|-------------|-------------------|-----------------|-------------------------|---------------------------------|
| STUDENT | NO. I              | ISTORY      | PHYSICAL          | LABORATORY      | DIAGNOSIS               | TREATMENT                       |
| 01230   | -                  | 58          | 60                | <sup>•</sup> 29 | excellent-3             | bad-4                           |
| 01231   |                    | 32          | 86                | 35              | bad-3                   | bad-4 .                         |
| 01232   | <i>,</i> ·         | <b>21</b> · | 66                | 17              | good-1, excellent-2     | fair-1, bad-3                   |
| 01233   | 、                  | 25          | 82                | · 20            | bad-3                   | bad-2, fair-2                   |
| 01234   | ?                  | -46         | 22                | 52              | good-1, excellent-2     | excellent-2, fair-1,<br>good-1, |
| 01235   |                    | 44          | 91                | 36              | excellent-3             | bad-4                           |
| 01236   | ۰<br>۰             | 30          | 82                | 28              | excellent-3             | good-1, fair~1,<br>bad-2        |
| 01237   | ۲ <u>۰</u><br>۳    | 41          | 94                | 41              | excellent-3             | fair-1, bad-3                   |
| 01238   |                    | 32          | 92                | 52              | good-1, excellent-2     | fair-2, bad-2                   |
| 01239   | * , š              | 46          | <sup>,</sup> 90   | 31              | good-1, bad-1,          | bad-4                           |
| 01240   | . <b>1</b>         | <b>40</b>   | 94                | 53              | fair-1<br>good-2, bad-1 | fair-1, bad-3                   |
| 01241   | . :                | 46          | · · · 92 ·        | 34              | excellent-1, good-2     | bad-4                           |
| 01242   | 2 -                | -           |                   | 29 ·            | good-1, excellent-2     | excellent-1, bad-1,             |
| 01243   | *<br>* * *<br>* *  | 29          | <b>9</b> 5        | 23              | good-1, excellent-2     | good-1, fair-1<br>bad-4         |
| 01244   |                    | -46         | 92                |                 | bad-1, fair-2           | bad-4                           |
| 01245   | 1946 - 1<br>17 - 5 | 41          | 82                | <b>47.</b> * 1  | bad-1, good-2           | bad-4                           |
| 01246   | •                  | * <b>44</b> | 92 <sup>-</sup>   | · 76 · 3        | excellent-1, good-2     | excellent-1, good-1, K          |
| 01247   | * .                | 50          | * <b>_ 9</b> 3    | •               | good-2, bad-1           | bad-1, fair-1<br>fair-1, bad-3  |
| 01248   | 4                  | 2           | 1≹ <b>−5</b> *≧∞⊉ | 31              | fair-1, bad-1,          | bad-4                           |
| 01249   | 12.<br>2≅ €        | * 47        | 8a 92 😳           | 43              | good-1, excellent-2     | • bad-4                         |
|         | •                  | * i 2 - 2   | 1 ···             | 3               | •                       | good-2, bad-1,                  |
|         |                    |             |                   |                 | excellent-3             | to17-1                          |

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Test A, Medical College of Georgia Post-test, 5/22/67, 90 4th year students

| Maximum Score | e 59        | 109      | 98         |                          | مىلىغا بىرى بىرى بىرى بىرى بىرى بىرى بىرى بىر |
|---------------|-------------|----------|------------|--------------------------|-----------------------------------------------|
| STUDENT NO.   | HISTORY     | PHYSICAL | LABORATORY | DIAGNOSIS                | TREATMENT                                     |
| 01252         | 47          | 90       | . 49       | good-1, bad-1,<br>fair-1 | bad-2, fair-1,<br>good-1                      |
| 01253         | 38          | 80       | 64         | excellent-2, good-1      | excellent-2, good-1,<br>fair-1                |
| 01254         | 46          | 80       | 40         | good-1, excellent-2      | good-1, excellent-1,<br>fair-2                |
| 01255         | 46          | 92       | 27         | good-1, excellent-2      | fair-1, bad-3                                 |
| 01256         | 27          | 88       | 48         | excellent-1, good-2      | good-1, fair-1, 5<br>bad-2                    |
| 01257         | 35          | 98       | 20         | excellent-1, fair-2      | bad-2, fair-2                                 |
| 01258         | 46,         | 95       | 55         | good-1, excellent-2      | bad-4                                         |
| •<br>•        | 42          | 85       | 60         | bad-3                    | excellent-1, bad-1,<br>fair-2                 |
| 01260         | <b>4</b> ,6 | 91       | 68         | excellent-3              | fair-1, bad-3                                 |
| 01261         | 45          | 89       | 38         | excellent-3              | fair-2, bad-2                                 |
| 01262         | 45          | 92       | - 44       | excellent-3              | good-1, bad-3                                 |
| 01263         | 46          | 80       | 2.7        | good-1, excèllent-2      | fair-1, bad-3                                 |
| 01264         | . 32        | 81       | 57 ·       | good-1, excellent-2      | bad-4                                         |
| 01265         | 46          | 91       | 17         | excellent-1, good-2      | bad-1, excellent-I,<br>fair-1, good-1         |
| 01266         | 43          | 83       | . 30       | excellent-3              | excellent-1, good-1,<br>fair-2                |
| 01267         | · 46        | 89       | 21         | excellent-3              | excellent-2, good-1,<br>fair-2                |
| 01268         | 46          | 80,      | 43         | excellent-3              | excellent-1, fair-1, good-2                   |
| 01269         | <b>41</b>   | 91       | . 55       | excellent-3              | excellent-1, good-1,<br>fair-2                |
| 01270         | 16          | 92       | 42         | bad-1, fair-2            | bad-4                                         |
| 01271         | 48          | 90       | 26         | excellent-3              | fair-1, bad-3                                 |
| 01272         | . 35        | 78       | . 44       | excellent-3              | bad-4                                         |
| 01273         | 47          | 38       | 31         | excellent-1, good-2      | fair-1, bad-3                                 |

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Test A, Medical College of Georgia Post-test, 5/22/67, 90 4th year students

| Maximum Scor | ie 59   | 109      | 98         |                          |                          |
|--------------|---------|----------|------------|--------------------------|--------------------------|
| STUDENT NO.  | HISTORY | PHYSICAL | LABORATORY | DIAGNOSIS                | TREATMENT                |
| 01274        | 48      | 92       | 33         | good-1, bad-1,<br>fair-1 | bad-1, fair-1,<br>good-2 |
| 01275        | 43      | 61       | 50         | excellent-1, good-2      | bad-4                    |

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#### Test A', Medical College of Georgia Pre-test, 10/3/65, 22 3rd year students

| STUDENT NO.       HISTORY       PHIOREM       Landmin         00500       49       42       43         00501       49       87       6         00502       53       82       30         00504       38       86       28         00505       49       95       40         00506       33       30       38         00507       19       23       53         00509       11       11       4         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       94       -51         00514       52       94       -51                                                                                                                                                                                                                                                                                                                                                                                                                  | Maximum Score | <b>59</b>        | 109          | 98                                    |            | ·                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------|--------------|---------------------------------------|------------|-------------------------------------------------------|
| 00500       49       87       6         00502       53       82       30         00503       57       97       28         00504       38       86       28         00505       49       95       40         00506       33       30       38         00507       19       23       53         00510       7       -2       8         00511       44       100       38         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00520       35       97       '29         00521       52       63       44         00522       52       64       24         34       34       34 <th>STUDENT NO.</th> <th>HISTORY</th> <th>PHYSICAL</th> <th>LABORATORY</th> <th>DIAGNOSIS</th> <th>TREATMENT</th> | STUDENT NO.   | HISTORY          | PHYSICAL     | LABORATORY                            | DIAGNOSIS  | TREATMENT                                             |
| 00500       49       87       6         00502       53       82       30         00503       57       97       28         00504       38       86       28         00505       49       95       40         00506       33       30       38         00507       19       23       53         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       *29         00521       52       63       24         00522       52       63       24         00521       52       63       24         00522       52       5                                                                                                                |               |                  | 42           | 43                                    |            | ,                                                     |
| 00301       -53       82       30         00502       53       86       28         00504       38       86       28         00505       49       95       40         00506       33       30       38         00507       19       23       53         00507       19       23       53         00507       19       23       53         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       42         00516       37       94       30         00518       -5       -2       47         00519       43       97       33         00522       52       94       24         00521       52       63       44         00522       52       94       24         00524       52       94       24                                                                                                                                               |               |                  |              |                                       |            | ▲ ,                                                   |
| 00502       57       97       28         00504       38       86       28         00505       49       95       40         00506       33       30       38         00507       19       23       53         00500       11       11       4         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       -42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       '29         00521       52       63       44         00522       52       94       24         3       3       3       3       3         3       3       3       3       3       3         00                                                                                                                         |               |                  |              |                                       | •          |                                                       |
| 000003<br>00004<br>00006<br>33<br>00006<br>33<br>00007<br>19<br>00007<br>19<br>00007<br>19<br>00007<br>19<br>23<br>00007<br>7<br>-2<br>8       40<br>40<br>40<br>00007<br>7<br>-2<br>8         00011<br>00011<br>23<br>00014<br>52<br>00015<br>55<br>92<br>42       40<br>23<br>23<br>23<br>00014<br>52<br>94<br>42       51<br>42         00016<br>00017<br>25<br>-13<br>00018<br>00017<br>25<br>-13<br>45<br>00019<br>43<br>97<br>33<br>00020<br>35<br>97<br>7<br>29       30<br>42<br>42         00016<br>00017<br>25<br>-13<br>45<br>00019<br>43<br>00520<br>35<br>97<br>7<br>29       52<br>42<br>42         00016<br>00017<br>25<br>52<br>94<br>43<br>44       63<br>44<br>24                                                                                                                                                                                                                                                                                                                                                 |               |                  |              |                                       |            |                                                       |
| 00504       49       95       40         00505       33       30       38         00507       19       23       53         00509       11       11       20         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       "29         00521       52       63       44         00522       52       94       24         43       97       33       44         00521       52       63       44         00522       52       94       24         44       44       44       44         45       44       44                                                                                                                       |               |                  |              |                                       |            |                                                       |
| 00506       33       30       38         00507       19       23       53         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       29         00521       52       63       44         00522       52       94       24         1       3       37       4         04       24       24       24         0521       52       63       44         00522       52       94       24         3       3       3       3       4         3       4       4       4         00521       52       94                                                                                                                               | 00504         | 20               |              |                                       |            |                                                       |
| 00506       33       30       38         00507       19       23       53         00509       11       11       4         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       , 29         00521       52       63       44         00522       52       94       24         3       3       3       3         3       3       3       4         00522       52       94       24         3       3       3       3         3       3       3       4         4       3       3       4                                                                                                                                        | 00505         | 49               | 95           |                                       |            |                                                       |
| 00507       19       23       53         00509       11       11       4         00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       '29         00521       52       63       44         00522       52       94       24         00521       52       94       24         00522       52       94       24         0053       37       9       37         0054       37       9       24         00520       52       94       24         05       37       9       37         005       36       44                                                                                                                         |               |                  | 30           |                                       |            |                                                       |
| 00509<br>00510       11<br>7       11<br>-2       4<br>8         00511<br>00512       23<br>23<br>23       11<br>20<br>20<br>20<br>23       20<br>23<br>23         00513<br>00513       24<br>24       52<br>23         00516<br>00515       37<br>55       94<br>30       30<br>45         00516<br>00517       37<br>25       -13<br>45       45         00518<br>00520       -5<br>35       -2<br>97       47         00521       52<br>52       63<br>94       44         00522       52<br>94       94<br>24       24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               | 19               | 23           |                                       |            |                                                       |
| 00510       7       -2       8         00511       44       100       38         00512       23       11       20         00513       24       52       23         00514       52       94       -51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       "         00521       52       63       44         00522       52       94       24         05       52       63       44         00522       52       94       24         03       47       24       24         04       52       53       44         00521       52       63       44         053       44       44       44         054       54       54       54         3       3       3       54         3       4       4       4                                                                                                                                 |               |                  | 11           | 4                                     |            |                                                       |
| 00511       23       11       20         00513       24       52       23         00514       52       94       51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00520       35       97       ', 29         00521       52       63       44         00522       52       94       24         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       **         **       **       **       ** <td></td> <td></td> <td>-2</td> <td>8</td> <td></td> <td></td>                                                                        |               |                  | -2           | 8                                     |            |                                                       |
| 00511       23       11       20         00513       24       52       23         00514       52       94       51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00520       35       97       33         00521       52       63       44         00522       52       94       24         00521       52       63       44         00522       52       94       24         00521       52       63       44         00522       52       94       24         00521       52       63       44         00522       52       94       24         005       37       37       37         30       30       30       30         0521       52       63       44         30       30       30       30         31       31       31       31         32       34       34 <t< td=""><td></td><td></td><td>100</td><td>38</td><td>1</td><td></td></t<>                                                  |               |                  | 100          | 38                                    | 1          |                                                       |
| 00512       24       52       23         00513       52       94       -51         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       7         00521       52       63       44         00522       52       94       24         0       52       63       44         00520       35       97       7       29         00521       52       63       44         00522       52       94       24         34       34       34       34         35       97       7       29         00521       52       63       64         34       34       34       34         34       34       34       34         34       34       34       34         35       37       34       34         36       34       34                                                                                                                                 |               | 4 <u>4</u><br>22 |              |                                       |            |                                                       |
| 00513       52       94       -51         00514       52       92       42         00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       , 29         00521       52       63       44         00522       52       94       24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |               |                  |              |                                       |            |                                                       |
| 00515       55       92       42         00516       37       94       30         00517       25       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       1       29         00521       52       63       44         00522       52       94       24         00521       52       63       44         00522       52       94       24         00532       52       94       24         00520       35       97       1       29         00521       52       94       24       44         00532       52       94       24       44         0552       52       94       24       44         03       44       44       44       44         03       44       44       44       44         04       44       44       44       44         14       44       44       44       44         15       44       44       44       44                                                                                                                |               |                  |              |                                       | -          |                                                       |
| 00515       37       94       30         00516       37       -13       45         00518       -5       -2       47         00519       43       97       33         00520       35       97       "29         00521       52       63       44         00522       52       94       24         00521       52       63       44         00522       52       94       24         00523       52       94       24         00524       52       94       24         00525       52       94       24         00522       52       94       24         00533       3       3       3         00534       44       44       44         00525       52       94       24         10       10       10       10       10         10       10       10       10       10       10         10       10       10       10       10       10         10       10       10       10       10       10         10       10 </td <td></td> <td></td> <td></td> <td>42</td> <td></td> <td>-</td>                                               |               |                  |              | 42                                    |            | -                                                     |
| 00517       25       -13       45         00517       -5       -2       47         00519       43       97       33         00520       35       97       "         00521       52       63       44         00522       52       94       24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 00212         |                  | 7-           |                                       |            |                                                       |
| 00517       25       -13       43         00518       -5       -2       47         00519       43       97       33         00520       35       97       129         00521       52       63       44         00522       52       94       24         00521       52       94       24         00522       52       94       24         00523       52       94       24         00524       52       94       24         00525       52       94       24         00520       52       94       24         00521       52       94       24         00522       52       94       24         00533       97       100       100         100       100       100       100         100       100       100       100         100       100       100       100         100       100       100       100         100       100       100       100         100       100       100       100         100       100                                                                                                                | 00516         |                  |              | 30                                    |            |                                                       |
| 00518       -5       -2       47         00519       43       97       33         00520       35       97       99         00521       52       63       44         00522       52       94       24         00522       52       94       24         00521       52       63       44         00522       52       94       24         00523       52       94       24         00524       52       94       24         00525       52       94       24         00520       52       94       24         00521       52       94       24         00522       52       94       24         00523       52       94       24         00524       52       54       54         10       10       10       10         10       10       10       10         10       10       10       10         10       10       10       10         10       10       10       10         10       10       10       10                                                                                                                         |               |                  |              | 45                                    |            | •                                                     |
| 00519       43       97       53         00520       35       97       129         00521       52       94       24         00522       52       94       24         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1         1       1       1       1                                                                                                                                                                                                  |               |                  |              | .47                                   |            |                                                       |
| 00520 55 63 44<br>00522 52 94 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                  |              | .33                                   | •          |                                                       |
| 00522 52 94 24<br>00522 52 94 24<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4<br>4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>00520</b>  | 35               | 97           | in 29                                 | •          |                                                       |
| 00522 52 94 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 00521         | 52               | 63           | 44                                    | • .        | , , , , , , , , , , , , , , , , , , ,                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                  | 94           | .24                                   | ,          | 3                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •••           |                  |              | ·                                     | •          | ۰.                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                  | κ. ,<br>     | *                                     | !          | · · · ·                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | •                | •            |                                       | 4<br>• • • | •                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                  | . * <i>*</i> |                                       | 1          | • _ ;                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •             | _ *<br>•         | • •          | ;                                     |            | · · · · · ·                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                  | 5<br>5       |                                       |            |                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                  | •            | • • • •                               | •          |                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •             | •                | • • • •      |                                       |            | ·                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •             |                  |              | • • •                                 | •          | •                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •             | ,                | ****         | **,                                   | :          |                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •             | ,                |              | · · · · · · · · · · · · · · · · · · · | • •        |                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                  | ().<br>      | • • •                                 | - •        | tagi takin kati<br>tagi takin kati<br>tagi takin kati |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •             |                  | ¥<br>• •     | · · · · · ·                           | •          |                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •             |                  | •            |                                       | •          | ×                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | •             | •                |              |                                       | •          | ·<br>• ·                                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | , <b>,</b> ,  |                  | · ·          |                                       | · .        | ·                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                  |              | • •                                   | •          | `                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |               |                  |              | 229 -                                 |            | · · · · ·                                             |

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| Maximum Score | 59          | 109         | 98                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                     |
|---------------|-------------|-------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| STUDENT NO.   | HISTORY     | PHYSICAL    | LABORATORY             | DIAGNOSIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TREATMENT                                                                                                           |
| 00820         | 28          | 42          | 47                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                     |
| 00825 ·       | - 10        | -2          | 31                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |
| 00826 .       | 49          | -88         | 47                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                     |
| 00827         | 48          | 91          | <b>26</b> <sup>°</sup> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |
| 00828         | 51          | 9ő          | 58                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |
| 00830         | 53          | 97          | 58                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |
| 00831         | <b>5</b> 3  | -92         | <b>69</b>              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • •                                                                                                                 |
| 00832         | 48          | <b>71</b> · | 52                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • • •                                                                                                               |
| 00833         | 22          | 21          | 39                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ,                                                                                                                   |
| 00834         | 19          | 82          | 28                     | ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | •                                                                                                                   |
| 00835         | 46          | 92          | 56                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ۰                                                                                                                   |
| 00836         | 51          | 91          | 16                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |
| 00837         | <b>45</b> · | · <b>91</b> | 3.                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |
| 00838         | 36          | 73          | 43                     | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                     |
| 00839         | 46          | 85          | 25                     | 1991 (.<br>1971 - 1972 (.<br>1971 - 1972 (.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | र रहे.                                                                                                              |
| 00840         | 46          | 80          | 58                     | <b></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | م<br>من شرق من من المراجع ا |
| 00841         | 51          | - <b>89</b> | 59                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • \$1206                                                                                                            |
| 00842         | 42          | 101         | 43                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                     |
| 00843         | 13          | 14          | 34 ·                   | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 9E-46                                                                                                               |
| 00844         | 48          | 54          | 52                     | -5-28<br>€ <sub>α</sub> Χφ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                     |
| 00845         | 49          | 90          | ~ <b>52</b>            | , , , , , , , , , , , , , , , , , , ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                     |
| 00846         | <b>41</b> · | .73         | 51                     | and the second s |                                                                                                                     |
| 00847         | 49          | . 94        | 44                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |
| 00848         | 35          | 89          | 50                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                     |
| 00849         | ·49         | 90          | - 37                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | •••                                                                                                                 |
| 00850         | 47          | • 98        | 49                     | *<br>*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                     |
| 00851         | 43          | 103         | 54                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | • *                                                                                                                 |
| 00852         | 47          | ·89         | 47                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                     |
| 00853         | 53          | 87          | 56                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                     |
| 00854         | 53          | 99          | 13                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | , .<br>, .                                                                                                          |
| 00855         | 57          | 90          | 44                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ,                                                                                                                   |
| 00856         | . 52        | <b>92</b>   | 58                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | •••                                                                                                                 |
| 00857         | · 51        | 102         | 44                     | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                     |
| <b>0</b> 0858 | 49          | 81          | 53                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | - *                                                                                                                 |
| 00859         | 47          | 90          | 42                     | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | • • • • •                                                                                                           |

#### Test A', Medical College of Georgia Post-test, 5/24/66, 92 3rd year students

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#### TABLE 9 (Cont.)

## Test A', Medical College of Georgia Post-test, 5/24/66, 92 3rd year students

| Maximum | Score | <b>59</b> | 109             | 98                      | ·                                     |                                                                     |
|---------|-------|-----------|-----------------|-------------------------|---------------------------------------|---------------------------------------------------------------------|
| STUDENT | NO.   | HISTORY   | PHYSICAL        | LABORATORY              | DIAGNOSIS                             | TREATMEN                                                            |
| 00860   |       | 47        | 87              | 34                      |                                       | . <u>.</u> (                                                        |
| 00861   | •     | 46        | 80              | <b>28</b> ·             |                                       | نر به <sup>5</sup>                                                  |
|         |       | 51        | 92              | 52                      |                                       | · ·                                                                 |
| 00862   |       | 47 ·      | 86              | <b>60</b>               |                                       | , .                                                                 |
| 00863   |       |           | 94              | 44                      | *                                     | •                                                                   |
| 00864   |       | 52        | · ·             | •                       |                                       |                                                                     |
| 00865   |       | 28        | 35              | 52                      | ·                                     | · · · · · · · · · · · · · · · · · · ·                               |
| 00866   |       | 52        | 90              | 34                      |                                       |                                                                     |
| 00867   |       | 50        | 92              | 41                      |                                       | .دي<br>ب                                                            |
| 00868   |       | 49        | 80              | 68                      | •                                     | • • • •                                                             |
| 00869   |       | 48        | 94              | 54                      | ,                                     | ••• *                                                               |
| 00870   |       | 48        | <b>89</b>       | 43                      | ·                                     | · · ·                                                               |
| 00871   |       | 52        | . 99            | 42                      | ·                                     | I ( I                                                               |
| 00872   |       | 5         | 52              | 22                      | • ]                                   |                                                                     |
|         | •     | 34        | 52              | _ 46                    |                                       | × 5 7 × 1                                                           |
| 00873   |       | 46        | 80              | 23                      | 2                                     | ĩ. ta (s                                                            |
| 00874   |       | 40        |                 |                         |                                       |                                                                     |
| 00875   | ·     | 51        | 94              | 54                      |                                       | ₹11×1×<br>登名で指述                                                     |
| 00876   |       | 58        | 78              | 40                      | •                                     |                                                                     |
| 00877   |       | 48        | . 92            | <b>5</b> 3 <sup>.</sup> | I                                     | · · * ·                                                             |
| 00878   | •     | 43        | <b>89</b> .     | 51                      |                                       |                                                                     |
| 00879   |       | 46        | <b>37</b>       | ·n 34                   |                                       | • • 4                                                               |
| 00880   |       | 55        | . 95            | . 53                    | • .                                   | · · · · ·                                                           |
| 00881   |       |           | <sup>•</sup> 91 | 29                      |                                       |                                                                     |
| 00882   |       | 49        | 95              | 46                      | · *                                   |                                                                     |
|         |       | 48        | 95              | 39                      | ł                                     | • * *                                                               |
| 00883   |       | 30        | 91              | <b>62</b>               |                                       |                                                                     |
| 00884   |       | 30        | 71              | ,                       |                                       |                                                                     |
| 00885   |       | <b>53</b> | 99              | 49<br>33                |                                       | · *** ;                                                             |
| 00886   |       | 49        | 89              | 46                      |                                       |                                                                     |
| 00887   |       | <b>49</b> | · 94.           |                         | • •                                   |                                                                     |
| 00888   |       | 53        | 93              | 22                      |                                       |                                                                     |
| 00889   |       | 30        | • 13            | 25                      |                                       |                                                                     |
| 00890   |       | <b>49</b> | . 88            | , 43                    | ;<br>;                                | ۰.<br>۲۰۰۶ ۲۰۰۰<br>۲۰۰۰ ۲۰۰۰                                        |
| 00891   |       | 50        | 61              | <b>40</b>               | ·                                     |                                                                     |
| 00892   |       | 52        | <u>8</u> 9      | 48                      | • .                                   | 5 <u>2</u>                                                          |
| 00892   | •     | 48        |                 | · 48                    |                                       |                                                                     |
| 00893   |       | 54        | 88              | 56                      | •                                     |                                                                     |
| 00034   |       |           |                 |                         | • • •                                 |                                                                     |
| 00895   | • •   | 54        | 95              | 78                      |                                       |                                                                     |
| 00896   | · ·   | 36        | 88              | 52                      | ۰.<br>۱                               |                                                                     |
| 00897   |       | 45        | 87 ~            | 33                      |                                       |                                                                     |
| 00898   | •     | 50        | 94              | 231 - 12                | · · · · · · · · · · · · · · · · · · · | به مور شده م<br>به ازمار بالمعاد می<br>به ازمار بالا استار استار با |
| 00899   |       | 51        | 79              | 54                      | · · · · ·                             |                                                                     |
|         | •     |           |                 |                         | · · · ·                               | Sec. A second second                                                |

#### TABLE 9 (Cont.)

#### Test A', Medical College of Georgia Post-test, 5/24/66, 92 3rd year students

| Maximum      | Score        | 59        | 109                                   | 98                                                                                                              |                                       |                                                |
|--------------|--------------|-----------|---------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------------------|
| STUDENT      | NO.          | HISTORY   | PHYSICAL                              | LABORATORY                                                                                                      | DIAGNOSIS                             | TREATMENT                                      |
| 00900        |              | 49        | 93                                    | 52                                                                                                              |                                       |                                                |
| 00901        |              | 34        | 97 <sup>.</sup>                       | 51                                                                                                              |                                       | •                                              |
| 00902        |              | 51        | 88                                    | 59                                                                                                              |                                       |                                                |
| 00903        |              | 51        | 84                                    | - 54                                                                                                            |                                       |                                                |
| 00904        | ,            | 46        | 80                                    | 55                                                                                                              |                                       |                                                |
|              | ,            | 40        | •••                                   | •                                                                                                               |                                       |                                                |
| 00905        |              | 53        | · 90                                  | 64                                                                                                              |                                       |                                                |
| 00906        |              | 46        | 80                                    | <b>60</b> ·                                                                                                     |                                       |                                                |
| 00907        |              | 46        | 80                                    | 57                                                                                                              | · ·                                   | -                                              |
| 00908        |              | 45        | 96                                    | 34.                                                                                                             |                                       |                                                |
| 00909        |              | 52        | 92                                    | 45                                                                                                              |                                       | ,                                              |
| 00909        |              |           | • ,                                   | •                                                                                                               |                                       |                                                |
| 00910        |              | 48        | 96                                    | 47                                                                                                              | 1                                     | · .                                            |
| 00911        |              | 52        | 90                                    | .62                                                                                                             |                                       |                                                |
| 00912        |              | 54        | 89                                    | 44                                                                                                              |                                       | • • • •                                        |
| 00913        | <u></u>      | 46        | 92                                    | 51                                                                                                              |                                       |                                                |
| 00914        |              | 36        | 81                                    | - 41                                                                                                            |                                       |                                                |
| ~~~~         |              |           |                                       |                                                                                                                 |                                       | • •                                            |
| 00915        |              | 48        | 88                                    | 34                                                                                                              | · · ·                                 | •                                              |
| 00916        | ,            | 42        | 88                                    | 17                                                                                                              |                                       | · , , ,                                        |
|              |              |           | * *                                   | le .•                                                                                                           | · .                                   | , ֥.                                           |
| •            |              | •         | ·                                     | •                                                                                                               | ·                                     |                                                |
|              |              | -         | •                                     | <b>κ</b> ¶γ − s fω                                                                                              | •                                     | · · · · · · · · · · · · · · · · · · ·          |
|              | ς.           |           |                                       |                                                                                                                 |                                       | • •                                            |
|              | •            |           | • • • •                               |                                                                                                                 |                                       | Town Cigra                                     |
| •            | ,            |           | * ;                                   |                                                                                                                 |                                       | to star.                                       |
|              |              | ,         |                                       |                                                                                                                 | · · · · · · · · · · · · · · · · · · · | وعمية ويغميهم بالمراجع                         |
| • •          |              |           | , . <b>.</b>                          |                                                                                                                 | 3 f .                                 | •••••                                          |
|              |              | •         | `, <sup>*</sup> *                     | 3 W                                                                                                             |                                       | New Strategers                                 |
|              | •            |           |                                       | 1. S                                                                                                            |                                       | -                                              |
| `,           | ·            | . •       | · · ·                                 | S S S                                                                                                           | • <u>E</u> R                          |                                                |
|              |              |           | ÷ .                                   |                                                                                                                 |                                       |                                                |
|              | ,            |           | •                                     | 2 - 2 - 7<br>5 - 4                                                                                              | 1 × 4                                 | ، ب <sup>ت</sup> ه ، ب <sup>ت</sup> ه ، ب      |
|              |              | ر         | ` <b>.</b> .                          |                                                                                                                 |                                       |                                                |
|              | •            |           | • • •                                 |                                                                                                                 |                                       | 9668                                           |
|              |              | . • •     | ,                                     | ب<br>وبير                                                                                                       | •<br>•                                | ورده مید                                       |
|              |              | •         | The B                                 | · 次章 ·                                                                                                          | 1 1 6 .<br>                           |                                                |
| , <b>.</b>   |              |           | 4 × 🚛                                 |                                                                                                                 | € de to an<br>state                   | ان میں اور |
| •            | •            |           |                                       |                                                                                                                 | ****<br>***                           |                                                |
| •            |              |           | Či š                                  |                                                                                                                 |                                       |                                                |
| •            | •            |           |                                       | - それ                                                                                                            | • int                                 |                                                |
| •            | •            |           |                                       | *<br>**?%                                                                                                       |                                       | · · · · · · · · · · · · · · · · · · ·          |
| · · · ·      | . •          | · · · · · | 21                                    | and a state of the second s | ÷2447.<br>                            | Ser A BOAR                                     |
| ••••         | <b>*</b> ``. | · •       |                                       |                                                                                                                 |                                       | م بالم الم الم الم الم الم الم الم الم الم     |
|              |              |           |                                       |                                                                                                                 | \$4.<br>5 - 32                        | 3. 3. 1983 1993<br>1 Carlo de Acada            |
| - " <i>w</i> | •            |           | · · · · · · · · · · · · · · · · · · · | 232 -                                                                                                           |                                       |                                                |
|              | •            | •         | est i                                 | الم                                                                         |                                       |                                                |

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Test A', Medical College of Georgia Post-test, 11/1/66, 12 3rd year students

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| Maximum Score | 59      | 109      | 98         | no concernante arrante a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | and the second |
|---------------|---------|----------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| STUDENT NO.   | HISTORY | PHYSICAL | LABORATORY | DIAGNOSIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TREATMENT                                                                                                        |
| 01057         | 53      | 95       | 60         | and the second sec | a hai - 1925 CIVIN<br>maanaa madagaa ay kati saari                                                               |
| 01058         | 47      | 93       | 33         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
| 01059         | 49      | 97       | 33         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
| 01060         | 50      | 92       | 45         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
| 01061         | 19      | 30       | 62         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | and a                                                                                                            |
| 01062         | _ 49    | 93       | 44         | ••••<br>۲ کې<br>•                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | instra .                                                                                                         |
| 01063         | 44 ·    | 96       | 53         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
| 01064         | 55      | 93       | 44         | •<br>•                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.2014                                                                                                           |
| 01065         | 45      | 87       | 62         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                  |
| 01066         | 52      | 97       | 45         | • • • • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | - 这镇这                                                                                                            |
| . · · · 01067 | 45      | 87       | 39         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | a certo                                                                                                          |
| 01068         | 48      | 83       | 30         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | •                                                                                                                |

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# TABLE 11 Test A', Medical College of Georgia Post-test, 1/16/67, 11 3rd year students

| Maximum_Score |           | 109         | 98         | and a source of the                                              | 9.5 and she |
|---------------|-----------|-------------|------------|------------------------------------------------------------------|-------------|
| STUDENT NO.   | HISTORY   | PHYSICAL    | LABORATORY | DIAGNOSIS                                                        | TREATMENT   |
|               |           |             |            | •                                                                |             |
| 01000         | 23        | <b>86</b> . | 52         | 5.8                                                              | \$163B      |
| 01002         | 46        | <b>80</b>   | 62         | 3                                                                | 9785V       |
| 01003         | 54        | 99          | 43         |                                                                  | , iteso j   |
| 01005         | 48        | 96          | 11         | - · <sup>vi</sup>                                                | 1. A C F P  |
| 01008         | 25        | 94          | 51         |                                                                  | - serio     |
| 01011         | . 6       | _ 20        | 66         | , s                                                              | 01060       |
| 01012         | <b>47</b> | 89          | 59         | >                                                                |             |
| 01013         | 47        | 96          | 54         | 10 A.<br>14                                                      |             |
| 01015         | 55        | 93          | 45         | ****<br>**                                                       | 01635       |
| 01016         | 50        | 88          | 44         | Ž.,                                                              | 75019       |
| 01017         | 47        | 84          | <b>49</b>  | 11.<br>11.<br>11.<br>11.<br>11.<br>11.<br>11.<br>11.<br>11.<br>1 | 大·查路和4      |

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Test A', Medical College of Georgia Post-test, 3/17/67, 12 3rd year students

| Maximum Score                               | . 59    | 109      | 98         | ریسین ، در باری .<br>ر | ۲                                                                                                                           |
|---------------------------------------------|---------|----------|------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| STUDENT NO.                                 | HISTORY | PHYSICAL | LABORATORY | DIAGNOSIS              | TREA BNT                                                                                                                    |
| 01021 · · · · · · · · · · · · · · · · · · · | 51      | 51       | 60         |                        | ار به معمول این است می مدینا است است است است.<br>این است است است است است است است است ا<br>است است است است است است است است ا |
| 01022                                       | 33      | 3        | 48         | Y                      | 155 tra                                                                                                                     |
| 01023                                       | .49     | 85       | 72         |                        |                                                                                                                             |
| 01024                                       | 37      | 70       | 35         | • / .                  |                                                                                                                             |
| 01025                                       | 50      | . 91     | 39         |                        | ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰۰ ۲۰۰                                                                                      |
| 01026                                       | 42      | 92       | 52         |                        |                                                                                                                             |
| 01027                                       | 49      | 88       | 59         |                        | ۲۰ آر ایک<br>۱۹۹۰ میل                                                                                                       |
| 01028                                       | 32      | 90       | 32         |                        | •<br>• ```````````````````````````````````                                                                                  |
| 01029                                       | 52      | 98       | in 38      | x                      | • • • • • •                                                                                                                 |
| 01030                                       | 52      | 90       | 53         |                        | 2<br>                                                                                                                       |
| 01031                                       | 42      | 55       | 34         |                        |                                                                                                                             |
| 01032                                       | 11      | - 3      | · 59       |                        | ; //·                                                                                                                       |

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TABLE 13 Test A', Medical College of Georgia Post-test, 5/12/67, 12 3rd year students

|               |              |          | · · · ·     | •              |                                       |                          |
|---------------|--------------|----------|-------------|----------------|---------------------------------------|--------------------------|
| Maximum Score |              | 109      | - 98        |                | · · · · · · · · · · · · · · · · · · · | 5220318                  |
| STUDENT NO.   | HISTORY      | PHYSICAL | LABORATORY  | DIAGNOSI       | <b>5</b> -                            | TREATMENT                |
|               |              |          |             |                | • -                                   |                          |
| 01081         | 43           | 88       | 25          | *.<br>*        |                                       | 1, 12.000.<br>1          |
| <b>01082</b>  | 27           | 38       | 35          | 177 Å.         |                                       | C state                  |
| 01083         | - <b>4</b> . | 27       | 35          | 5 - 1<br>5 - 5 | •                                     |                          |
| 01084         | <b>49</b>    | 92       | 36          | <br>برای       | , <u>.</u> ,                          |                          |
| 01085         | . 34         | 93       | 69          | •( •           |                                       |                          |
| 01086         | <b>46</b>    | 80       | 33          | 9<br>9-        | *                                     |                          |
| 01087         | 53           | 103      | 48          | · · ·          | •                                     | -35-1215                 |
| 01088         | 47           | 99       | 35          | •              | •                                     | N 1. (+ <sup>6</sup> €2) |
| 01089         | 48           | 83       | 57          | . • ?          |                                       |                          |
| 01090         | 37           | 89       | .74         |                |                                       | 73 · 14                  |
| 01091         | 54           | 86       | 59          | · · · ·        | •                                     |                          |
| 01092         | 49           | . 99     | <b>39</b> · | ,<br>,         |                                       |                          |
| •             |              | •        |             |                |                                       | •                        |

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|               | <u> </u> |                            |            | •                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------|----------|----------------------------|------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Score | 59       | 109                        | 98         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| STUDENT NO.   | HISTORY  | PHYSICAL                   | LABORATORY | DIAGNOSIS                         | TREATMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 00761         | ·49      | 98                         | 13         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00762         | 45       | 49                         | . 69       |                                   | m - setting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 00763         | 50       | 82                         | 53         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00764         | 50       | 90                         | 27         |                                   | - 教育・新聞                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 00765         | 50       | -6                         | 22         | , <b>*</b> • •                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               | E0 -     | 91                         | 41         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00766         | 53       | 18                         | 37         | •                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00767         | -11      | - <u>18</u><br>- <u>98</u> | 20         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00768         | 49       | 80                         | 36.        | · · ·                             | ار میں اور ایک اور ایک اور<br>ایک ایک ایک ایک اور ایک<br>ایک ایک ایک ایک ایک ایک ایک ایک                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 00769         | 52       | 100                        | 39         | · e 🔺                             | <u>`</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 00770         | .48      | 100                        |            | •                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00771         | 47       | 91                         | 47         | • •                               | Contraction of the second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 00772         | 38       | 92                         | 38         | :                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00773         | 51       | 93                         | 47         | , , , , , , , , , , , , , , , , , |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00774         | . 25     | 41                         | 39         | , t <sup>m</sup>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00775         | -8       | 37                         | 66         |                                   | · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|               |          |                            |            | •                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00776         | 46       | . 80                       | 39 ·       | •                                 | • • • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 00777         | 47       | 89                         | 19         | ~ ·                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00778         | 46       | 80                         | 31         |                                   | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 00779         | 46       | 12                         | 27         |                                   | and the second sec |
| 00780         | 36       | 93                         | 37         | ,<br>,                            | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 00781         | 47       | 97                         | 35         | *                                 | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 00782         | 50       | 97                         | 55         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00783         | 53       | 92                         | 50         |                                   | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 00784 .       | -10      | -23                        | · 12       | •                                 | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 00785         | 40       | <b>0</b> 0-                | 39         |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|               | -10      | . 50                       |            | •                                 | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 00786         | 46       | 80                         | 68         | . •                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00787         | 49       | 101                        | . 40       |                                   | · .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 00788         | -9       | -5                         | 36         | •                                 | •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 00789         | 42       | 85                         | 39         | •                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00790         | 40       | 88                         | <b>36</b>  |                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

Test A', Medical College of Georgia Post-test, 5/23/66, 30 4th year students

TABLE 14

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TABLE 15Test A, Medical College of GeorgiaPre-test, 11/29/65, 22 3rd year students

| Maximum | Score        | 59              | 109                                   | 98            |                                       | and the second |
|---------|--------------|-----------------|---------------------------------------|---------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------|
| STUDENT | NO.          | HISTORY         | PHYSICAL                              | LABORATORY    | DIAGNOSIS                             | TREATMENT                                                                                                        |
|         | 4×           | ાંધ્રાર્થ       | · · · ·                               | N 28 . 6      |                                       |                                                                                                                  |
| 00550   | r            | 49              | • 58                                  | 35            | in particular                         | in produce interview in a constant                                                                               |
| 00551   |              | 30              | 56                                    | 56            | :                                     | the state                                                                                                        |
| 00553   | •            | 25              | 55                                    | 11            | : ` .                                 | •                                                                                                                |
| 00554   | !            | 6               | 5                                     | 23            | 27 No.                                |                                                                                                                  |
| 00555   | ,            | 45              | 74                                    | 28            |                                       |                                                                                                                  |
|         | <del>}</del> |                 |                                       | <b>`</b>      |                                       |                                                                                                                  |
| 00556   | ,<br>,       | 44 <sup>·</sup> | 61                                    | <b>`42</b>    |                                       | •                                                                                                                |
| 00557   | \$           | 56              | 67                                    | 40            |                                       | •                                                                                                                |
| 00558   |              | 35              | 63                                    | 23            | 1 de 1                                |                                                                                                                  |
| 00559   | *            | 36              | 61                                    | 42            | • .                                   |                                                                                                                  |
| 00560   | •            | 28              | <b>4</b> 4                            | 44            | ,                                     | · · · · ·                                                                                                        |
| 00,00   | •            |                 |                                       | •             | · · · · · · · · · · · · · · · · · · · |                                                                                                                  |
| 00561   | 2<br>9       | 52              | 69                                    | .56           |                                       | ••                                                                                                               |
| 00562   | i.           | 54              | 66                                    | 22            |                                       | a services and a service an  |
| 00585   |              | 51              | 66                                    | 49            |                                       |                                                                                                                  |
| 00586   |              | 50              | 57                                    | .31           | • •                                   |                                                                                                                  |
| 00587   |              | 50              | 59                                    | 25            | ••                                    |                                                                                                                  |
|         |              |                 |                                       | 4.0           |                                       |                                                                                                                  |
| 00588   |              | 46              | 62                                    | 55            |                                       |                                                                                                                  |
| 00589   |              | 35 ·            | 54                                    | 0             | ,                                     |                                                                                                                  |
| 00590   | •            | 46              | . 80                                  | 8             | •<br>·· · ·                           |                                                                                                                  |
|         |              | 53              | 59                                    | <b>29</b>     |                                       | • • • •                                                                                                          |
| 00591   |              | 49              | 44                                    | 36            | •                                     | · · · ·                                                                                                          |
| 00594   |              | 47              | - <b></b> .                           |               | -                                     | •                                                                                                                |
| 00505   |              | <b>9</b>        | 50                                    | · <b>43</b> / | ¥. =                                  |                                                                                                                  |
| 00595   |              | 48              | . 59                                  | 6             |                                       |                                                                                                                  |
| 00598   |              | 40              | · · · · · · · · · · · · · · · · · · · | <b>v</b>      | *                                     |                                                                                                                  |
| • .     |              |                 | `•                                    |               | • -                                   | n der der soner in d  |

#### Test A, Medical College of Georgia Post-test, 3/14/66, 24 3rd year students

| Maximum Score | 59              | 109            | <b>98</b> . | · · · ·                    | score quatrat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------|-----------------|----------------|-------------|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STUDENT NO.   | ĤISTORY         | PHYSICAL       | LABORATORY  | DIAGNOSIS                  | TREATMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 00650         | 45              | 88             | 21          | *                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00651 ·       | <del>-</del> 16 | -9             | 33          | ,<br>,<br>,<br>,<br>,      | 3.4.53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 00652         | 47              | 88             | 68          | *                          | <b>.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 00653         | 25              | 47             | 55          | الله مر<br>بر الله الله ال | <b>运用</b> 在1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 00654         | 49              | 93             | 48          | •••                        | Martin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 00655         | 45              | 89             | 45          | • • • •                    | õo746                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 00656         | 33              | 26             | <b>47</b>   | *<br>                      | 00713 ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 00657         | 52              | 89<br>26<br>91 | 39          |                            | s i top                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 00658         | 51              | 97             | 59          | ζ                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00659         | 34              | 80             | 30          | *-<br>₹ -                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00660         | 18              | 91             | 38          | ×, *,                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00661         | 58              | .94            | 53          |                            | to a strong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 00662         | 52              | 101            | 46.         | * .                        | a start and a start and a start                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00663         | 48              | 90             | 70          |                            | 31.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 00664         | 46              | 92             | 18          | ,<br>,<br>,                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00665         | 52 ·            | 67             | 35          | > .<br>• 1                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00666         | 13              | 25             | 30          |                            | \$\$\$.20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 00667         | 42              | <b>89</b> ·    | 36          |                            | and the second sec |
| 00668         | 40              | 91             | 35 -        | 8 - 1<br>1 - 1             | and the second and the                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 00669         | 51              | 90             | 31          | • •                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 00670         | 50              | 95             | 44          | : •                        | and a second                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 00671         | 53              | <b>93</b>      | 51          |                            | 57 X 103                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 00672         | 49              | . 94           | 41          | *                          | 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 00673         | 25              | 64             | 33          | · • •                      | EN TOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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#### TABLE 17.

Test A, Medical College of Georgia Post-test, 5/16/66, 24 3rd year students

**.** .

| Maximum Score | 59      | 109      | <b>98</b>    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | armal mostlynd                           |
|---------------|---------|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| STUDENT NO.   | HISTORY | PHYSICAL | LABORATORY   | DIAGNOSIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TREATMENT                                |
| 00705         | 6       | 5        | 38           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |
| 00706 .       | .51     | 94       | 60           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 17455                                    |
| 00707         | 34      | 59       | 44           | ان ماند<br>القارب في                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1200                                     |
| 007,08        | 57      | 94       | 68           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |
| 00709         | 51      | 101      | 58           | 145 F.<br>5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 206.3 <i>0</i>                           |
| 00710         | 35      | 23       | 46           | · · · · · · · · · · · · · · · · · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 100655                                   |
| 00711         | 36      | 78       | 45           | and the second s | 47.000                                   |
| 00712         | 47      | 84       | 46           | Â.Ç                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |
| 00713         | 47      | 65       | 42           | * ***<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | SCARE                                    |
| 00714         | 52      | 89       | 51           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.   |
| 00715         | 39      | 87       | 53           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1- 1- 03866 J.                           |
| 00716 .       | 49      | 74       | 72           | у<br>Ум <sup>6</sup> А                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                          |
| 00717         | 50      | 89       | <b>48</b> .2 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |
| 00718         | 47      | 87       | 58 -         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | i and                                    |
| 00719         | . 50    | 93       | 44           | 5 * c r                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                          |
| 00720         | 31      | 85       | <b>58</b> %  | ,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 30.439                                   |
| 00721         | 56      | . 92     | 58           | ·. ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |
| 00722         | 50      | 95       | 69           | ,<br>7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | •<br>•<br>•<br>•<br>•<br>•<br>•          |
| 00723         | 51      | 89       | 48 .         | `.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 |
| 00724         | 38      | 87       | 61           | · · •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ٠<br>٦ (٢ ٣٣، ٢٠٦٩)                      |
| 00725         | 47      | 90       | 37           | · · ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                          |
| 00726         | 50      | 89       | 57           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | : (\$00                                  |
| 00727         | 39      | 88       | 48           | 5.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |
| 00728         | 23      | 85       | 58           | 2.10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | · · · · · · · · · · · · · · · · · · ·    |

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Test A, Medical College of Georgia Post-test, 11/1/66, 12 3rd year students

| Maximum Score | 59                   | 109         | <b>98</b> / |                   | inis Harrie                                                                                                    |
|---------------|----------------------|-------------|-------------|-------------------|----------------------------------------------------------------------------------------------------------------|
| STUDENT NO.   | HISTORY              | PHYSICAL    | LABORATORY  | DIAGNOSIS         | TREATMENT                                                                                                      |
| 01045         | 51.                  | 88          | 54          |                   | The second s |
| 01046         | 46                   | 80          | 67          |                   | List 10 -                                                                                                      |
| 01047         | 54                   | 86          | 53          |                   |                                                                                                                |
| 01048         | 54                   | · <b>88</b> | 25          | 4.<br>3. 5.<br>7. |                                                                                                                |
| 01049         | 45                   | 91          | 31          |                   |                                                                                                                |
| 01050         | 50                   | <b>90</b>   | 45          |                   |                                                                                                                |
| 01051         | 42                   | 97          | <b>48</b> . |                   | \$10X0                                                                                                         |
| 01052         | 49                   | 94          | ., 60       | ,<br>,            | 2, - 1, - 1, - 1, - 1, - 1, - 1, - 1, -                                                                        |
| 01053         | 25                   | 31          | 38          | ,<br>,<br>,       | 5. (QP)                                                                                                        |
| 01054         | 50                   | 94          | 35          |                   | <b>L</b> CORP                                                                                                  |
| 01055         | . <sup>.</sup><br>52 | 93          | 45          |                   |                                                                                                                |
| 01056         | 34 .                 | 80          | 24          | · · ·             |                                                                                                                |

and the second second

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#### Test A, Medical College of Georgia Post-test, 1/16/67, 11 3rd year students

| Maximum Score | 59        | 109      | - <b>98</b> <sup>-,</sup> | E                                     |
|---------------|-----------|----------|---------------------------|---------------------------------------|
| STUDENT NO.   | HISTORY   | PHYSICAL | LABORATORY                | DIAGNOSIS TREATMENT                   |
| 01001         | 47        | 93       | 55                        | - ANO                                 |
| 01004         | 38        | 90       | 56                        |                                       |
| 01006         | 53        | 83       | 50                        |                                       |
| 01007         | 37        | 74       | 55                        | ST STORES                             |
| 01009         | 50        | 93       | 37                        |                                       |
| 01010         | 31        | 92       | 42                        | e e e e e e e e e e e e e e e e e e e |
| 01014         | <b>50</b> | 88       | 65                        |                                       |
| 01018         | 47        | 85       | , 31 <sup>°</sup>         | •                                     |
| 01019         | 1         | 13       | 41                        |                                       |
| 01020         | 52        | 91       | 48                        | 4                                     |
| 01021         | 33        | 89       | 33                        | 2. 28360                              |

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# Test <u>A</u>, Medical College of Georgia Post-test, 3/17/67, 12 3rd year students

and the of protein . . . . . . <u>\_\_\_\_</u> Maximum Score

| STUDENT NO.    | HISTORY     | PHYSICAL    | LABORATORY      | DIAGNOSIS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TREATMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------|-------------|-------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01033<br>01034 | 40<br>-43   | 90          | 58<br>45        | and the second sec | a and a second and a second se |
| 01035          | 53          | 91          | .36             | • • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 01036          | 44          | 95          | 62              | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 01037          | 46          | <b>88</b> . | 51              | , 13<br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | · 查试到了。                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 01038 •        | 51          | 89          | 50              | •,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 01039          | 41          | 86          | 53              | * %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | s trata                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 01040          | 52          | 88          | <b>41</b>       | , <b>v</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | A\$\$10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 01041          | 53          | · 90        | 45              | л.<br>Д                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 01042          | <b>52</b> . | . 89        | 61              | ( ·                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 453350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 01043          | ·<br>44     | 80          | 37              | e* 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | NKG) C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 01044          | 19          | . <b>88</b> | 52 <sub>,</sub> | С. с.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | wratte                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| •              | •           |             | •               | • \$5. •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | i i i i i i i i i i i i i i i i i i i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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Test A, Medical College of Georgia Post-test, 5/12/67, 12 3rd year students

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| Maximum Score | 59                     | 109      | 98.        | •         | · · · · · · · · · · · · · · · · · · · |
|---------------|------------------------|----------|------------|-----------|---------------------------------------|
| STUDENT NO.   | HISTORY                | PHYSICAL | LABORATORY | DIAGNOSIS | TREATMENT                             |
| 01069         | 54                     | 100      | 60         | •         | v, 8 x .                              |
| 01070         | 44                     | 100      | 41         | • 7       | 2° 1.827                              |
| <b>01071</b>  | 36                     | 80       | 22         |           | · •                                   |
| 01072         | 19                     | 41       | 43         |           |                                       |
| 01073         | 45                     | 99       | 42         | -         |                                       |
| 01074         | <b>38</b> <sup>+</sup> | 97       | 50         |           |                                       |
| 01075         | 54                     | 100      | . 34       |           |                                       |
| 01076         | 33                     | 89       | 36         | 1         |                                       |
| 01077         | ·<br>50                | .92      | ື່ 50      | •         | , <i>'</i>                            |
| 01078         | 43                     | 95       | 76         | •         |                                       |
| 01079         | 41                     | 84       | 41         |           | ·                                     |
| 01080         | 27                     | 64       | 58         | ł         | . ,                                   |

| Maximum Score | 59      | 109      | 98         | · · ·      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------|---------|----------|------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| STUDENT NO.   | HISTORY | PHYSICAL | LABORATORY | DIAGNOSIS  | TREATMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 5102          | 38      | 97       | 37         | `          | 5 8 6 <sup>6</sup> 7<br>5 9 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 5102          | 47 ·    | 89       | 31         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5104          | 51      | 95       | 32         |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5105          | 18      | -24      | - 23       |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5106          | 48      | 89       | 37         | ·<br>      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5107          | 40      | 74       | 34         | · · ·      | ر الله الله الله الله الله الله الله الل                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 5108          | 48      | 97       | <b>55</b>  |            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5109          | 46      | 65       | 30         | <b>,</b> . |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 5110          | 51      | 89       | 48         |            | and the second sec |
| 5111          | 48      | 94       | 49         | •          | • • •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

#### Test <u>A</u>, State University of Iowa Post-test, 3/31/66, 10 3rd year students

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Test <u>A</u>, State University of Iowa Post-test, 5/2/66, 10 3rd year students

| Maximum Score | 59      | 109      | <b>98</b> , | م<br>مب سغ            | · · · · · |                                       |
|---------------|---------|----------|-------------|-----------------------|-----------|---------------------------------------|
| STUDENT NO.   | HISTORY | PHYSICAL | LABORATORY  | DIAGNOS               | IS        | TREATMENT                             |
| 5114          | 46      | 96       | 28          |                       | -<br>•    |                                       |
| 5115          | 29      | 86       | 26          | • •                   |           |                                       |
| 5116          | 53      | 99       | 33          | •                     | •         | K Bi C                                |
| 5117          | 41      |          | - 45        | ,                     | -         |                                       |
| 5118          | 52      | 91<br>95 | 28          | • • • •               | •         |                                       |
| 5119          | 31 ·    | 42       | 45          | •<br>7 \$             |           | t de t                                |
| 5120          | 45      | 73       | 36          | х <sup>в</sup> .<br>Х | •         |                                       |
| 5121          | 50      | 91       | <b>39</b>   | :                     |           |                                       |
| 5122          | 53      | 102      | 46          | ۴                     |           | · · · · · · · · · · · · · · · · · · · |
| 5123          | 47      | 64       | 32          | ·<br>·                | -         |                                       |
| ,             |         |          |             |                       | •         | 5                                     |

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| TABLE | 24 |
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Test A, State University of Iowa Post-Test, 6/2/66, 11 3rd year students

| Maximum Score                          | .59                                   | 109      | 98          | · · · · · · | and speciality                   |
|----------------------------------------|---------------------------------------|----------|-------------|-------------|----------------------------------|
| STUDENT NO.                            | HISTORY                               | PHYSICAL | LABORATORY  | DIAGNOSIS   | TREATMENT                        |
| ······································ | · · · · · · · · · · · · · · · · · · · |          | -           | ۰<br>۲      | 2) ( 2) <b>(</b> 2)<br>( 2) ( 2) |
| 5100                                   | 32                                    | 31       | 23          | 1           | • • • • · · ·                    |
| 5101                                   | 51                                    | 94       | 53          |             | •                                |
| •                                      | 44                                    | 65       | 21          | •           | a starter                        |
| 5124                                   |                                       | 93       | <b>`</b> 32 | •           |                                  |
| 5125                                   | 54                                    |          | 54          |             | •                                |
| 5127                                   | 51                                    | 103      | 34          |             |                                  |
| ,                                      |                                       |          | 94          |             |                                  |
| 5128                                   | 53                                    | · 97     | 34          |             |                                  |
| 5129                                   | 52                                    | . 96     | 47          |             | ديني.<br>معدر پر                 |
| 5130                                   | 54                                    | 93       | 54          |             |                                  |
|                                        | 54                                    | 93       | 32          | •           |                                  |
| 5131                                   |                                       | 99       | <b>31</b>   | /           |                                  |
| 5132                                   | 54                                    |          | •           |             | ₩.*                              |
| 5133                                   | 51                                    | 91       | 52          | · -         |                                  |

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| TAB | LE | 1 | 2 | 5 |   |  |
|-----|----|---|---|---|---|--|
|     |    |   |   |   | • |  |
|     | *  |   | * | ^ |   |  |

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| · ·           | Post-Te     | Test <u>A</u> , State University of Iowa<br>Post-Test, 7/11/66, 13 3rd year students |                                        |            |                                       |
|---------------|-------------|--------------------------------------------------------------------------------------|----------------------------------------|------------|---------------------------------------|
| Maximum Score | 59          | 109                                                                                  | ······································ |            |                                       |
| STUDENT NO.   | HISTORY     | PHYSICAL                                                                             | LABORATORY                             | DIAGNOSIS  | ". TREATMENT                          |
|               | с           | 57                                                                                   | 3                                      |            |                                       |
| 5126          | 54<br>30    | 74                                                                                   | 40                                     | ,          | ۰<br>بر                               |
| 5134<br>5135  | · 30        | 47                                                                                   | 33                                     | * *        | ·                                     |
| 5136          | 53          | 88                                                                                   | . 27                                   |            | •                                     |
| 5137          | 41          | 97                                                                                   |                                        | د<br>۲۰ ۲  |                                       |
| 5138          | 22          | 30                                                                                   | 46                                     | ÷<br>-     | 5 <b>.</b>                            |
| 5139          | 45          | 99                                                                                   | ~ 26                                   | ,          |                                       |
| 5145          | 51          | 104                                                                                  | 63                                     | . • •      | • • • • • • • • • • • • • • • • • • • |
| 5140          | 52          | 86                                                                                   | 23                                     | · · ·      |                                       |
| 5141          | 40          | 89                                                                                   | 32                                     | · •        | · · · · · · · · · · · · · · · · · · · |
| 5142          | 39          | 88                                                                                   | 19                                     | •          | - · · · · ·                           |
| 5143 .        | <b>20</b> . | 49                                                                                   | · 15 ·                                 | <b>4</b> , |                                       |
| 5144          | 40          | 68                                                                                   | 40                                     |            |                                       |

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#### Test A, University of Vermont Post-Test, 5/16/66, 42 3rd year students

| Maximum Score | 59              | 109        | 98         | •<br>• • • |                  |
|---------------|-----------------|------------|------------|------------|------------------|
| STUDENT NO.   | HISTORY         | PHYSICAL   | LABORATORY | DIAGNOSIS  | TREATMENT        |
| 61,26         | 49              | 89         | 5          | •          | • ا              |
| 6127          | 51              | 93         | 28         |            | * 5.<br>7 5<br>1 |
| 6128          | 42              | 48         | . 5        | •          |                  |
| 6129          | 26              | 27         | . 36       |            |                  |
| 6130          | 48              | 96         | 44         | -<br>-     | ·<br>•<br>•      |
| 6131          | 44              | 75         | 34         |            | 1353             |
| 6132          | 45 <sup>·</sup> | 89         | 19         | (*         | ۳<br>ب فرم<br>م  |
| 6133          | 31              | 19         | 40         | ,          |                  |
| 6134          | 44              | 95         | 41         |            | . ,              |
| 6135          | 35              | . 6        | 16         |            |                  |
| <b>613</b> 6  | 51              | 94         | 28         | <i>[</i> · |                  |
| 6137          | 34              | 58         | 12         | •          | •                |
| 6138          | 54              | 96         | 12         |            |                  |
| 6139          | 7               | 7          | - 23       |            |                  |
| 6140          | 24              | -3         | 56         | .          |                  |
| 6141          | 9               | 80         | 42         |            |                  |
| 6142          | 35              | 94         | 7          |            |                  |
| 6143          | -3              | -20.       | 29         |            |                  |
|               | -4              | -18        | 29         |            |                  |
| 6144<br>6145  | 22              | 34         | " 42       | •          |                  |
|               | 49              | 34         | 28         | •          |                  |
| 6146          | 50              | 64         | 44         | ,          |                  |
| 6147          | 54              | 100        | 27         | I          |                  |
| 6148          | 42              | -7         | 27         | • ,        |                  |
| 6149<br>6150  | 29              | 35         | 46         |            |                  |
|               | E/ .            | 07         | 55         | ·          |                  |
| 6151          | 54              | 97         | 19         |            |                  |
| 6152          | -6              | -12<br>-44 | 25 ·       |            |                  |
| 6153          | 30              |            | 38         | •          |                  |
| 6154 ·        | 42              | . 96       | 21         |            |                  |
| 6155          | 42              | 48         |            | .*         | • .              |
| 6156          | 35              | 82         | 28         |            |                  |
| 6157          | 55              | 99         | 28         |            |                  |
| 6158          | 51              | 30         | 39         | -          |                  |
| 6159          | 47              | 96         | 24         |            |                  |
| 6160          | 37              | 93         | 19         | •          |                  |

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#### TABLE 26 (Cont.)

Test <u>A</u>, University of Vermont Post-Test, 5/16/66, 42 3rd year students

| TUDENT NO.         HISTORY         PHYSICAL         LABORATORY         DIAGNOSIS         TREATMEN           161         10         24         37           162         25         24         -11           163         46         84         43           164         50         96         47           165         7         -4         21           166         17         33         12           167         9         18         27 | Maximum Score | 59         | 109      | 98         | · · · ·   | · • • )        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|----------|------------|-----------|----------------|
| 1162       25       24       -11         1163       46       84       43         1164       50       96       47         1155       7       -4       21         1166       17       33       12         1167       9       18       27                                                                                                                                                                                                    | STUDENT NO.   | HISTORY ·  | PHYSICAL | LABORATORY | DIAGNOSIS | TREATMEN       |
| 163       46       84       43         164       50       96       47         165       7       -4       21         166       17       33       12         167       9       18       27                                                                                                                                                                                                                                                  | 6161          | 10         |          |            |           |                |
| 164 50 96 47<br>165 7 -4 21<br>166 17 33 12<br>167 99 18 27<br>                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            | •         | • • •          |
| 1165       7       -4       21         1166       17       33       12         1167       -9       18       27                                                                                                                                                                                                                                                                                                                            |               |            |          |            |           |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6165          |            |          |            |           | , <b>^ `</b> ` |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6166          | 17         |          | 12         |           |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6167          | <b>\$9</b> |          | 27         |           | · ·            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | •          | ي<br>ب   |            | ·         | •              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            |           | < · ·          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | ć             |            |          |            |           |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | • 1           | · -··      | •        |            | 5         | · .            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | * 1           |            |          |            | •         |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            | •        | an and a   | - •       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          | · •        |           | x (<br>, )     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            | -        |            |           |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | • •           |            |          |            |           |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          | . •        |           |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            | Ņ        |            |           | Ę.             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            |           | . · · · :      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            | •         |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | •             |            |          | •          |           |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            | · ,       | · ·            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | • •           | ·          |          |            |           | •              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            |           | ,              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | •          |          |            |           | م.< ي          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           | • • • •       |            |          | ,          | • •       |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            |           | ,              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            |           | `··            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            |           | <b>*</b>       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            | •        |            |           | · .            |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            | ,<br>,    | , <u>P</u>     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |            |          |            | · · · •   | ,              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | •          |          |            | ]         |                |
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#### Test A, Medical College of Georgia Post-Test, 5/23/66, 30 4th year students

| Maximum Score  | <b>59</b> .            | 109      | 98          | · · · ·   |           |
|----------------|------------------------|----------|-------------|-----------|-----------|
| STUDENT NO.    | HISTORY                | PHYSICAL | LABORATORY  | DIAGNOSIS | TREATMENT |
|                | 20                     | 18       | 15          |           | •         |
| 00730          | 20                     | 85       | 39          | ·         |           |
| 00731          | · 31                   | 101      | - 43        | ``        |           |
| 00732          | 55                     | 32       | 32          |           |           |
| 00733          | 17                     |          | 33          |           |           |
| 00734          | 31                     | 22       |             |           |           |
| 00735          | 52                     | 94       | 40          |           |           |
| 00737          | 53                     | 99       | 35          |           | •         |
| 00738          | -1                     | 15       | 26          |           | · .       |
|                | 14                     | 32       | 63 .        |           |           |
| 00739          | 18                     | 83       | 25          |           | ~         |
| 00740          |                        | ••       | ,           |           |           |
| 00741          | 53                     | . 98     | 34          |           | •         |
| 00742          | . 53                   | 101      | 66          | 1         |           |
| 00743          | 35                     | 90       | 40          |           | •         |
| 00744          | - <u>48</u>            | 95       | 40          |           |           |
|                | 35                     | 23       | 39          |           |           |
| 00745          | 55                     |          |             |           | × •       |
| 00716          | 33                     | 80       | 51          |           |           |
| 00746          | 29 ·                   | 77       | 17          |           |           |
| 00747          | 50                     | 96       | 35          |           |           |
| 00748          | <b>-</b> 4             | 21       | , <b>19</b> | ,<br>•    |           |
| 00749          | -12                    | 89       | 11          |           | -         |
| 00750          | -12                    | 07       |             | •         |           |
| 00751          | <b>50</b> <sup>-</sup> | 88       | 42          |           |           |
| 00752          | 53                     | 97       | 50          | 1         |           |
| 00753          | 12                     | 16       | 33          | ,         |           |
| 00754          | <br>7                  | -32      | 18          |           |           |
| 00755          | 49                     | 97       | 11          |           |           |
| 0133           | -••                    |          |             |           |           |
| 00756          | 31                     | 54       | 24          |           |           |
| 00757          | 41                     | . 84     | <b>35</b> , |           |           |
| 00758          | 46                     | 80       | 14          | •         |           |
| •              | 36                     | 18       | 40          |           |           |
| 00759<br>00760 | 49                     | 98       | 36          | •         |           |

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