REGISTER

OF

VANDERBILT UNIVERSITY

FOR

1882-83,

AND

ANNOUNCEMENT

FOR

1883-84.

MEDICAL DEPARTMENT.*

FACULTY:

LANDON C. GARLAND, LL.D., CHANCELLOR. THOMAS MENEES, M.D., DEAN.

JAMES M. SAFFORD, M.D., SECRETARY.

WILLIAM T. BRIGGS, M.D., Professor of Surgery.

THOMAS L. MADDIN, M.D., — Professor of the Institutes and Practice of Medicine, and of Clinical Medicine.

WILLIAM L. NICHOL, M.D., Professor of the Diseases of Women and Children, and of Clinical Medicine.

> JOHN H. CALLENDER, M.D., Professor of Physiology and Psychology.

VAN S. LINDSLEY, M.D., Professor of Anatomy.

THOMAS MENEES, M.D., Professor of Obstetrics.

JAMES M. SAFFORD, M.D., Professor of Chemistry.

THOMAS A. ATCHISON, M.D., Professor of Materia Medica, Therapeutics, and State Medicine.

> CHARLES S. BRIGGS, M.D., -Adjunct to the Chair of Surgery.

ORVILLE H. MENEES, M.D., Demonstrator of Anatomy.

ASSISTANT INSTRUCTORS:

Dr. WILLIAM D. HAGGARD, Dr Dr. Ambrose Morrison, Dr Dr. R. Douglas.

Dr. ORVILLE H. MENEES, Dr. C. C. Atchison,

THE Eleventh Regular Course of Instruction in the Medical Department of VANDERBILT UNIVERSITY will commence on Monday, the 1st day of October, 1883, and continue until the last Thursday in February, 1884.

Lectures in Academic Department.

All students who matriculate in the Medical Department of the Vanderbilt University have the privilege, during that scholastic year, of attend-

^{*}The Medical Department occupies the *Medical College*, which, in immediate connection with the *Hospital*, is on *South College Street*, within the city. Medical students, upon their arrival in Nashville, will report at the *Medical College*.

VANDERBILT UNIVERSITY.

ing the lectures in any of the Departments of the University without the payment of an additional tuition fee.

Method of Teaching.

It is the purpose of the Faculty to make the teaching thorough and practical. Five Lectures will be delivered daily, in the College-halls, upon the different subjects of the Course. During the week the student will hear *four* Lectures upon each branch of Medicine. Daily examinations, or reviews, will be held by each Professor at the beginning of his hour, in order that the facts of the previous Lecture may be impressed upon the minds of the students. The various courses will be illustrated by experiments, dissections, surgical operations, clinics, models, anatomical, botanical, and chemical specimens, and by such other means as may make the instruction imparted practical and pointed. The Cabinets of Anatomy, Physiology, Pathology, Obstetrics, Surgery, Materia Medica, and Chemistry, are richly supplied with preparations and specimens, which will be used as occasion demands.

The Chair of Obstetrics, in addition to its full supply of models in wax, apparatus, instruments, etc., has recently had added to it modern plates and diagrams, making complete its equipment for the elucidation of the entire Course.

The Cabinet of Materia Medica has also been liberally supplied with plates, representations of medicinal plants, specimens of drugs and chemicals, and all the appliances requisite for illustration,

Hospital and Clinical Instruction.

The Hospital-building erected by the Faculty, and under their exclusive control, has been enlarged by the addition of three large wards to its already commodious accommodations. It has a frontage of one hundred and fifty-four feet, with other dimensions in proportion, and adjoins the College edifice. Its wards, well filled at all times with material for Surgical and Medical teaching, are immediately accessible from the Lecturehalls. This is a peculiar feature, enjoyed by few medical institutions and one which has been pronounced by visitors, of large experience as teachers, very superior and excellent in arrangement.

Twice a week Surgical Clinics are held, and Operations performed, when necessary, in the presence of the Class. The number of these Operations is large, and the variety great, embracing every Surgical disease and injury, with the Surgical Operations of the Eye and Ear.*

The Obstetrical Ward of the Hospital will be under the Clinical control of the Professor of Obstetrics and his Assistant. It is designed to render students familiar with the practical details of Parturition, by assigning to their care, under the supervision of the Professor or Assistant, such cases as may be available, not only in the Hospital, but in private practice also. In this way it is proposed to teach them to diagnose the various presentations and positions, more fully to comprehend the mechanism of labor, and give them facility in manual manipulation and instrumental delivery. The facilities enumerated supply the Professors of Surgery, Obstetrics,

*All *charity patients* will be treated for disease, or be made the subject of necessary operations before the Class, *free of charge*.

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Practice, Clinical Medicine, etc., with a field for the thorough teaching of disease, as seen at the bedside, unsurpassed by any Institution in the country.

Practical Anatomy.

The Anatomical Rooms, which are under the general direction of the Professor and Demonstrator of Anatomy, are abundantly supplied with fresh and wholesome material. The Demonstrator will be present every evening to direct and assist in dissections. Students will be taught the art of injecting, preparing, and preserving specimens, both wet and dry; also the manner of making corroded specimens of the vessels, tubes, and ducts of the various organs. At the proper time, Classes in Operative Surgery will be formed, and each student will receive practical instruction upon the *cadaver*, in the application of the bandage, in the ligation of arteries, and in the performance of amputations, resections, etc. This Department will be opened on the 17th of September.

Graduation.

I. To Graduate, a candidate must have attained the age of twenty-one years, and be of good moral character.

II. He must have attended *two* full Courses of Lectures, the last of which must have been in this Institution. If the candidate has attended a full Course of Lectures in a regular Medical School, he may, by attendance upon a full Course of Lectures in this Institution, present himself for Graduation. It is required, also, that the Dissecting Ticket be taken for at least one session.*

III. He must have studied medicine for three years[†] (or, at the least, thirty-three months), under a regular practitioner—the three years to include the time of attendance upon two Courses of Lectures.

IV. The candidate is elected by ballot, and upon receiving *three nega*tive votes will be rejected, but will be entitled to another examination by appearing before a full Faculty, after all other applicants have been examined. No premature examination will be granted except by consent of the entire Faculty.

*A graduated scheme of study, extending through three years, has been arranged for the accommodation of such students as wish to pursue a more prolonged Course. This, though strongly recommended, is optional with the student. The scheme is as follows:

1. The student may confine his attention for two full Courses to Anatomy, Chemistry, Materia Medica, and Physiology, and after the end of the second Course be examined upon these subjects.

2. Such student, during the third Course, to devote himself chiefly to Lectures upon the Theory and Practice of Medicine, Surgery, Obstetrics, and Diseases of Women and Children, upon which subjects only he shall be examined at the final examination for the Degree of M.D.; his standing, however, to be determined by the result of both examinations.

†One of which may be one year's course of study at the University in the Schools of Chemistry, Physics, and Natural History.

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Candidates will not be registered for examination until all fees are paid.

Fees.

Matriculation (paid	bu	t or	ice),	•0						. \$	5 00
Professors' Ticket,											. 1	75 00
Dissecting Ticket,											. 1	LO 00
Graduating Fee,							•	•			. 4	10 00 2.5.00

No charge is made for the privilege of the Hospital.

Students, upon arrival, must call at the Secretary's office, and, after registering their names, pay for their tickets.

Text-books.

Anatomy: Gray.	
Surgery : Billroth, Paget, Erichsen, Gross.	
Obstetrics: Leishman, Playfair.	
Diseases of Women: Thomas or Barnes.	
Diseases of Children : Smith.	
Physiology: Flint, Kirke, Dalton.	

Materia Medica: Stillé, Waring. Chemistry: Attfield, Fownes. Theory and Practice: Roberts, Bristowe. Ear: St. John Roosa. Eye: Carter, Wells. Dictionary: Dunglison.

Directions to Students.

It will be best for students proposing to enter the Medical Department, upon arriving in the city, to take a hack, and, with their baggage, go immediately to the *Hospital and College buildings on South College Street*, where they can obtain assistance in securing such boarding-houses as they may desire.

Boarding can be obtained at from three to five dollars per week.

All communications should be addressed to

DR. J. M. SAFFORD, Secretary, Nashville, Tenn.

Abel, James Floyd, Tennessee. Ackerman, Thomas H., Alabama. Addison, Willie P., South Carolina. Andrews, Erastus F., Tennessee. Applegate, Elmore T., Tennessee. Arnold, Willie J., Louisiana. Ashley, Jim, Tennessee. Atchison, Charles C., M.D., Tennessee. Austell, Amos L. B., Tennessee. Baskette, Henry W., M.D., Tennessee. Beckwith, Roberton B., North Carolina. Blake, Wyatt H., Alabama. Bomar, William C., Tennessee. Bonham, Romeo V., Missouri. Bonham, Vaughan Q., M.D., Missouri. Boyte, George W., Tennessee.

Graduates of 1883.

Brooks, Josiah C., M.D., Mississippi. Bundy, Z. Taylor, Tennessee. Byrom, Thomas M., Tennessee. Carlow, Oscar S., Texas. Carnes, Alva W., Texas. Carter, Joseph E. J., Tennessee. Christian, William W., Tennessee. Clayton, Benjamin L., Alabama. Crook, James Edward,* Alabama. De Vaughan, John W., Alabama. Elliott, William S., Tennessee. Ellis, George U. B., Tennessee. Flatt, John W., Tennessee. Freas, Edgar C., Tennessee. Galloway, Marshall H., Kentucky. Graham, Joseph T., Tennessee.

*Valedictorian.

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Graves, Asbury C., M.D., Kansas. Hall, Joseph David, Tennessee. Harrison, William H., Tennessee. Hudson, James H., Tennessee. Jackson, Shelby S., Kentucky. Jones, John A., Missouri. Knowlton, James Wiley, Indiana. Lacey, Edward P., Alabama. Lacy, Willie S., Texas. Lassiter, Andrew J., Kentucky. Lee, Thomas Jefferson, Georgia. Long, John Wesley, North Carolina. Magness, Alfred Arnold, Arkansas. Marshall, Thomas E., Tennessee. May, Thomas Street, Alabama. May, William, M.D., Alabama. McCollum, Isaac R., Texas. McCord, William Allen, Tennessee. McKown, George W., Texas. Milam, James Holland, Tennessee. Mourfield, James A., Tennessee. Murray, William Jacob, South Carolina. Myers, James H., Arkansas. Palmer, Charles R., Alabama. Peake, William, Alabama. Phillips, Alfred B., Alabama.

Prior, Henry C., Georgia. Pritchett, Walter M., Missouri. Reese, William B., North Carolina. Rhodes, Arnolphus W., Kentucky. Rucker, John D., Tennessee. Sevier, John Henry, Tennessee. Sharp, James B., Tennessee. Shields, David E., Tennessee. Smith, Samuel B., M.D., South Carolina. Stapler, Andrew H., Georgia. Stevens, Doddridge A., Georgia. Taylor, William H., Tennessee. Terrell, William M., Texas. Thompson, John Robert, Tennessee. Thompson, Oliver H., Louisiana. Treadwell, William B., Texas. Vixtrum, John A., Illinois. Walker, Joe P. C., Tennessee. Wallace, John S., Texas. Waltmon, William W., Louisiana. Watkins, John Martin, M.D., Arkansas. Watkins, Polk, Mississippi. Webb, Rufus C., Louisiana. Williams, James Alemeth, Arkansas. Williamson, Horace G., Tennessee. Zarecor, John Milton, Kentucky.

The honorary degree of Doctor of Medicine was conferred upon WILLIAM A. WOOLLEN, of North Carolina. The same degree was conferred last year upon ISHAM W. PERKINS, of Tennessee.

Prizes Awarded.

The Founder's Department Medal was awarded to J. P. C. WALKER, of Tennessee.

Dr. O. H. Menees's Class in Anatomy, Prize to J. H. HUDSON, of Tennessee. Dr. A. Morrison's Class in Physiology, Medal to J. W. KNOWLTON, of Indiana. Dr. R. Douglas's Class in Surgery, Prize to J. P. C. WALKER, of Tennessee.

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DEPARTMENT OF PHARMACY.

FACULTY:

L. C. GARLAND, LL.D., CHANCELLOR.

N. T. LUPTON, M.D., LL.D., DEAN, Professor of Chemistry.

J. M. SAFFORD, M.D., Ph.D., Professor of Botany.

T. A. ATCHISON, M.D., Professor of Materia Medica and Toxicology.

W. G. EWING, M.D., PH.G., Professor of Theory and Practice of Pharmacy.

J. T. McGILL, PH.G., PH.D., Assistant Instructor in Chemistry.

THE Regular Course of Instruction in the Department of Pharmacy, of Vanderbilt University, will commence on the first Monday of October, and end on the last Wednesday of February. The design of this Department will be so to train its students by systematic work in exact and practical science, and by instruction in special scientific subjects, as to qualify its graduates to become practical pharmacists and chemical manufacturers.

The Course of Instruction embraces General and Analytical Chemistry, Botany, Mineralogy and Crystallography as related to Pharmacy, Materia Medica, and Toxicology, and Theoretical and Practical Pharmacy.

The teaching will be made thorough and practical. Fourteen Lectures will be delivered each week upon the subjects of the Course. In addition to the Lectures, the students will have regular daily work in the Laboratories of the University.

Students who matriculate in this Department have the privilege, during that scholastic year, of attending the Lectures in any of the Schools of the Academic Department of the University, without the payment of an additional fee.

Chemistry.

PROFESSOR LUPTON.

(Five Lectures per week.)

The Lectures in General Chemistry, including both Organic and Inorganic Chemistry, occupy a prominent part in the Course of Instruction. While the subjects considered are so arranged as to secure to the student a satisfactory acquaintance with the Science, the general object being to

DEPARTMENT OF PHARMACY.

render instruction practically useful, special aftention will be given to those subjects that relate to Pharmacy.

+ This Course will include, so far as its limits will permit, Chemical Physics, Inorganic Chemistry, Organic Chemistry, History and Manufacture of Chemical Products, Drugs, etc.

Laboratory Course.

Laboratory Instruction constitutes an essential part of the Course. Every student is required to spend at least three hours per day in practical work. This embraces, during the first Session, a thorough Course in Qualitative Analysis, including the detection of poisons, the deportment of the most important medicinal alkaloids with reagents, and the systematic method of effecting their separation. During the second Session the student will be employed in Quantitative work, including gravimetric and volumetric analysis, determination of densities, etc.

Qualitative Analysis: Practice with known material, and problems in chemical synthesis; practice with unknown material.

Quantitative Analysis: Determination of densities; gravimetric and volumetric analysis.

Organic Analysis: Qualitative and Quantitative estimation of drugs; detection of adulteration in food, medicines, etc.

Botany and Mineralogy.

PROFESSOR SAFFORD.

(Five Lectures per week.)

The Lectures on Botany will embrace structural, functional, and systematic Botany, with the special consideration of those natural orders and genera yielding important drugs. The different subjects will be illustrated by means of herbarium specimens, models, and plates; and large cabinet collections will be open to students.

Lectures will be delivered on Mineralogy and Crystallography, so far as these subjects are related to Pharmacy. In connection with these Lectures, students will be required to work in the Laboratory, and make microscopical examinations of crude drugs and other products.

It is designed to provide a Botanical Garden and Conservatory in connection with this School.

Materia Medica and Toxicology.

PROFESSOR ATCHISON.

(Two Lectures per week.)

This Course will embrace a description of medicines, their physical properties, sources from which derived, history; physiological, therapeutic, and toxic action, and antidotes.

A cabinet of specimens will be provided for illustration.

In connection with these Lectures students will be expected to analyze in the Chemical Laboratory the chief inorganic and organic poisons.

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Theory and Practice of Pharmacy.

PROFESSOR EWING.

(Two Lectures per week.)

The Lectures on Pharmacy will consist of instruction in the art of weighing and measuring, and their systems, as authorized by the United States, British, and German Pharmacopœias. The manipulations of pulverization, filtration, solution, maceration, percolation, crystallization, the management of heat, the water, sand, and steam baths, the processes of evaporation and distillation, will be illustrated by the most approved apparatus. The officinal, and many unofficinal, pharmaceutical preparations, and the processes of their manufacture, will be noticed and explained, and the doses, uses, and tests of purity, will receive attention.

Manipulations in Practical Pharmacy.

This Course is designed to furnish the student, who has not had sufficient opportunity for acquiring a knowledge of Pharmaceutical manipulations, with the means of obtaining an insight into the principles of this art.

One afternoon in the week, during the Lecture Season, will be devoted to this branch. Apparatus and material will be furnished for the use of the student. No pains will be spared to make this Course as useful and thorough as possible.

Qualifications.

For the Degree of Graduate in Pharmacy (Ph. G.).

Every person upon whom a diploma of this Department shall be conferred must have attended two full Courses in the Department of Pharmacy, or one Course in this Department, and one in some other respectable College of Pharmacy—the last of which, however, must be in this Department.

A Course in any recognized Medical College, or Department, may be substituted for the first of the above Courses.

He must also produce an original dissertation, or thesis, upon some subject of Pharmacy, Materia Medica, Chemistry, or one of the branches of Science immediately connected therewith. The thesis must be deposited with the Dean on or before the first day of February.

Candidates for graduation must attain the required standard with each Professor. The Founder's Medal will be conferred upon that graduate who shall attain the highest grade at the final examination.

Graduates of 1883.

Max Bloomstein,									Tennessee.
Ira Bowman, .						-	•		Louisiana.
Joseph E. Kerr,									Tennessee.
Morris C. Willis,									Texas.
Thomas H. Winn,									Kentucky.

The Founder's Medal was awarded to MORRIS C. WILLIS.

DEPARTMENT OF PHARMACY.

Expenses.

Tuition Fee,				\$25	\$25
Laboratory Fee,				25	25
Matriculation and Incidental Fee,				10	10
Library Fee,				5	5
Board, with furnished rooms, including fuel and	d 1	igh	ıt,		
from \$16 to \$20 per month (five months),				80	100
Fee for Diploma,				5	5
				0150	\$170
Total,	٠	. • `	•	\$190	\$110

Text-Books.

Chemistry: Roscoe, Fownes. Analytical Chemistry: Fresenius, Taylor on Poisons. Botany: Gray's School and Field Book. Mineralogy: Dana's Manual Materia Medica: Stillé & Maisch's National Dispensatory, Maisch's Organic Materia Medica. Pharmacy: Parrish's Practical Pharmacy.

All communications should be addressed to

DR. W. G. EWING, Secretary,

17 South Cherry Street, Nashville, Tenn.

N. B.—Students arriving in the city should call at the office of the Secretary and Bursar, Mr. J. M. LEECH, on the Vanderbilt Grounds.

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DENTAL DEPARTMENT.

FACULTY:

L. C. GARLAND, LL.D., CHANCELLOR. W. H. MORGAN, M.D., D.D.S., DEAN. JAS. C. ROSS, D.D.S., PRESIDENT OF FACULTY. ROBERT R. FREEMAN, M.D., D.D.S., SECRETARY.

> N. T. LUPTON, M.D., LL.D., Emeritus Professor of Chemistry and Metallurgy.

W. H. MORGAN, M.D., D.D.S., Professor of Clinical Dentistry and Dental Pathology.

JAS. C. ROSS, D.D S., Professor of Operative Dentistry and Dental Hygiene. ROBERT R. FREEMAN, M.D., D.D.S., Professor of Mechanical and Corrective Dentistry.

THOS. A. ATCHISON, M.D., Professor of Materia Medica and Special Therapeutics.

JOHN R. BUIST, M D., Professor of Oral Surgery and Surgical Pathology.

DAVID R. STUBBLEFIELD, A.M., M.D., D.D.S., Professor of Anatomy and Physiology.

Professor of Chemistry and Microscopy.

HENRY W. MORGAN, M.D., D.D.S., Adjunct Professor of Operative Dentistry.

AMBROSE MORRISON, M.D., Lecturer on Anatomy and Physiology.

WILLIAM P. BURDETTE, M D., Assistant to Chair of Materia Medica and Therapeutics.

J. L. WATKINS, M.D., Assistant to Chair of Oral Surgery and Surgical Pathology.

DEMONSTRATORS:

Demonstrator of Operative Dentistry.

Demonstrator of Mechanical Dentistry.

W. G. EWING, M.D., Demonstrator of Anatomy.

R. P. JONES, Assistant Demonstrator of Operative Dentistry.

CLINICAL INSTRUCTORS:

H. E. BEACH, D.D.S.
S. M. PROTHRO, M.D., D.D.S.
W. B. SPENCER, D.D.S.
S. B. COOK, D.D.S.

A. T. KLINE, D.D.S. Dr. G. C. SANDUSKY. J. H. PREWITT, D.D.S. D. B. BLAKEMORE, D.D.S.

DENTAL DEPARTMENT.

THE Dental Department of Vanderbilt University will be made equal in all its appointments to the older Dental Colleges. A commodious Hall has been erected, in a central portion of the city, with special reference in its construction and arrangement to the wants of this Department. The appointments of the Lecture-room, Operating and Dissecting rooms, and Laboratories, are ample and complete.

The Course of Study will combine the fundamental branches of medical science with the theory and practice of Dentistry proper. Anatomy and Physiology will receive special attention, while Materia Medica and Therapeutics will be illustrated by a fine cabinet of selected specimens.

In the Dental Department proper every opportunity will be afforded the student to acquire a practical knowledge of his profession, both in the Laboratory and in the Infirmary, where the number of clinical patients is ample. Students in the Dental Department will have access to the Surgical Clinics in the Medical Department.

Graduation.

The candidate for graduation must be twenty-one years of age, and of good moral character. Attendance on two full Courses of Lectures will be required, and two years of instructions under a private preceptor; but five years of actual practice, or attendance on a full Course in a regular Medical or Dental College, will be accepted as the equivalent of the First Course in this Department.

The candidate must treat thoroughly some patient requiring all the usual dental operations in a manner to be approved of by the Professor of Operative Dentistry. He must also take up at least one artificial case, and submit it for approval to the Professor of Mechanical Dentistry; and, in addition, prepare a specimen case, to be deposited in the College Collection. The operations must be performed, and the work in the artificial case done, at the College-building. He must also undergo an examination by the Faculty, when, if found qualified, he will be recommended to the Board of Trust for the Degree of Doctor of Dental Surgery.

Text-books.

Operative Dentistry: Harris's Principles and Practice, Tomes's Dental Surgery, Taft's Operative Dentistry, Arthur's Prevention of Decay. Mechanical Dentistry: Richardson's Mechanical Dentistry, Wildman's Instructions in Vulcanite Work. Anatomy: Gray. Physiology: Kirke, Dalton. Surgery: Billroth, Paget, Erichsen, Gross. Chemistry: Attfield, Fownes. Materia Medica: Stillé, Waring. Harris's Dental Dictionary, Kingsley's Oral Deformities.

Fees.

Matriculation (paid	bu	it c	inc	e),							\$ 5	00
Professors' Ticket,											50	00
Dissecting Ticket,											10	00
Diploma,											10	00
C .												

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Board can be obtained at from \$4 to \$6 per week. The instruments (such as will be required in after practice) will cost from \$20 to \$30.

Lectures in this Department will begin October 1st, and continue till the fourth Wednesday in February.

All communications should be addressed to

DR. W. H. MORGAN, Dean.

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George M. Bobbitt, .					,				Alabama.
Jefferson D. Burns, .						•			Arkansas.
Charles H. Beach, .		,							Louisiana.
Lafayette A. Carter, .									
Charles P. McCrohan,									Texas.
Erastus L. P. Ector, .									North Carolina.
Richard P. Jones, .									Tennessee.
John T. Leasey,									Kentucky.
James W. McFarland,									Louisiana.
John R. McNair,									Alabama.
T. Rutledge Mitchell,									Georgia.
James W. Nelson, .									Louisiana.
Frank W. Petrie,									Kentucky.
David R. Proctor, .									Kentucky.
Cornelius A. Rominge	r,								North Carolina.
James L. Sutphin, .				•					Kentucky.
Samuel W. Tally, .									Alabama.

Graduates of 1883.

Prizes Awarded.

Founder's Department Medal, to SAMUEL W. TALLY, of Alabama.

Gold Medal, by Prof. Ross, for best gold filling, to RICHARD P. JONES, of Tennessee.

First Course Prize (for best written examination), to A. R. MELINDY (from Herman & Morrison Bros.).

Second Course Prize (for best written examination), to FRANK W. PETRIE (from Herman & Morrison Bros.).