

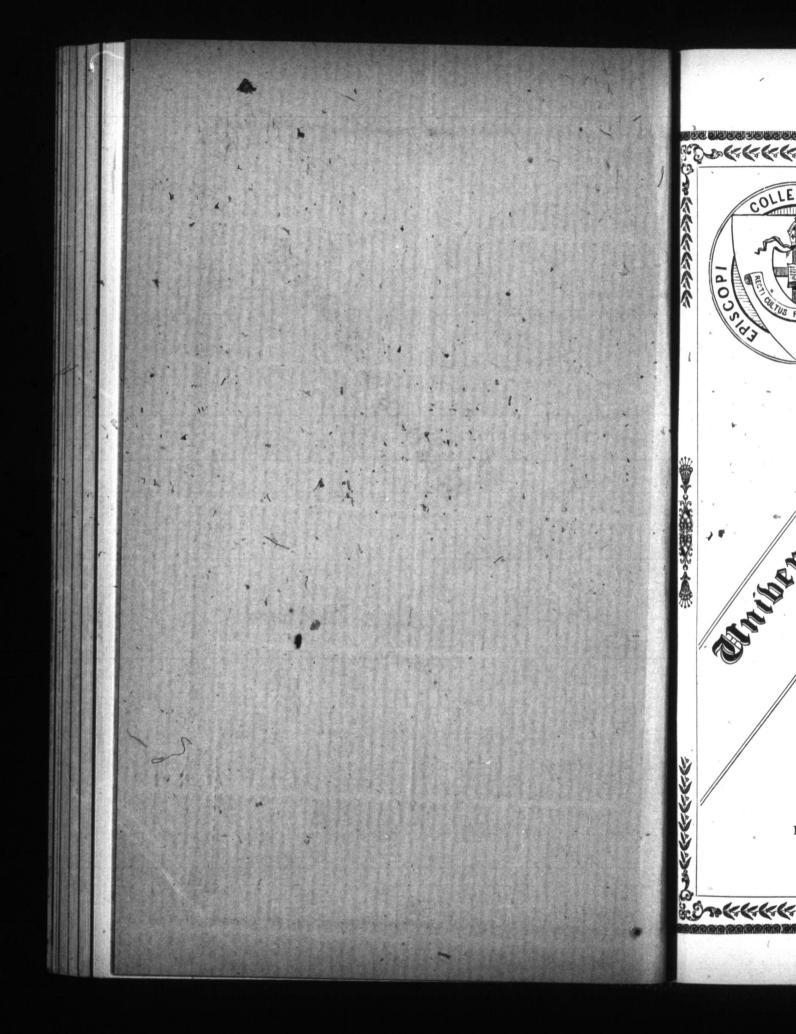
MONTREAL.

SESSION 1890-91.

Montreal:

BY, JOHN LOVELL & SON





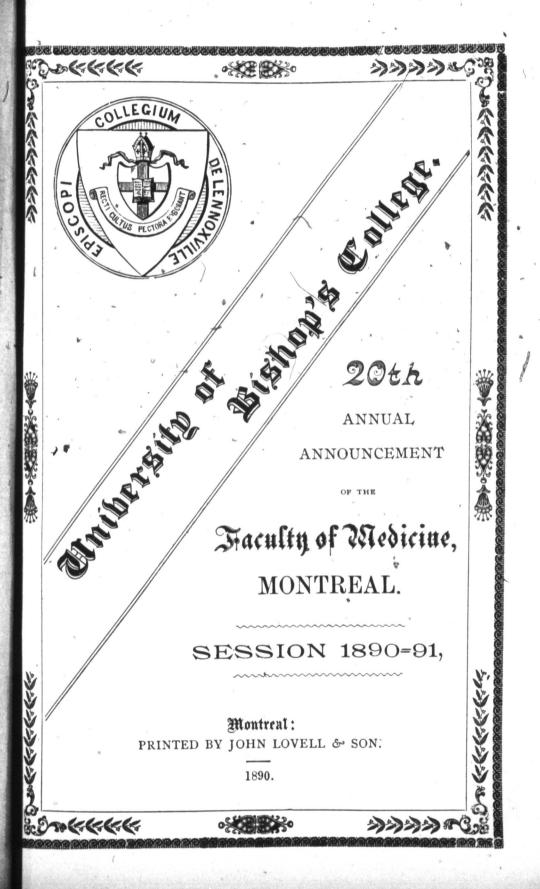


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All communications relating to the Medical Department of this University should be directed to the Dean of the Medical Faculty, DR. F. W. CAMPBELL, 10 Phillips Place, Beaver Hall, or to DR. G. T. Ross, the Registrar, No. 62 Beaver Hall.

Students on arriving in this city should call upon either of the above gentlemen, who will impart all necessary information.

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Assistant Registra

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H. ABBOTT, Jr., REV. Professor A J. C. BAKER, ES-HON. MR. JUSTIL L. H. DAVIDSON, R. N. HALL, ES-F. MONTIZAMBE REV. CANON MU

UNIVERSITY

BISHOP'S COLLEGE.

INSTITUTED 1852.

PRESIDENT OF THE CORPORATION AND VISITOR.
THE RIGHT REV. THE LORD BISHOP OF QUEBEC, D.D.

VICE PRESIDENT OF THE CORPORATION AND VISITOR, THE RIGHT REV. THE LORD BISHOP OF MONTREAL, LL.D.

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Vice-Chancellor,—The Very Rev. Dean Norman, D.D.

Dean of the Faculty of Divinity,—The Ven. Archdeacon Rob. D.D.

Arts,—The Rev. Thos. Adams, M.A., D.C.L.

Law,—R. N. Hall, Esq., Q.C., LL.D., M.P.

Medicine,—F. W. Campbell, Esq., M.A.

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Assistant Registrar, R. H. Tylee, Esq.

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Medicine,—G. T. Ross, Esq., M.D.

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JOHN S. HALL, ESQ., M.P.P.
J. HAMILTON, ESQ.

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W. MORRIS, ESQ., LL.B.
REV. CANON ROBINSON, M.A.
F. WOLFERSTAN THOMAS, ESQ.
G. ROLT. WHITE, ESQ.

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L. H. Davidson, Esq., D.C.L.
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REV. CANON THORNLOE, M.A.
REV. Professor WATKINS, M.A.

OFFICERS OF THE CORPORATION

Faculty of Medicine.

- F. W. CAMPBELL, M.A., M.D., L.R.C.P. Lond., Dean, Professor of Principles and Practice of Medicine, Consulting Physician Montreal Dispensary, Physician to the Montreal General and Western Hospitals, 10 Phillips Place, Beaver Hall.
- J. B. EDWARDS, Ph. D., D.C.L., Emeritus, Professor of Practical Chemistry, 71 St. Alexander Street.
- J. PERRIGO, A.M., M.D., C.M., M.R.S.C. Eng., Professor of Surgery, Physician to, and Medical Secretary of, Western Hospital, 163 Bleury Street.
- J. B. McConnell, M.A., M.D., C.M., Professor of Pathology and Practical Histology, Lecturer on Physical Diagnosis, Physician Western Hospital, Consulting Physician Montreal Dispensary, 141 Bleury Street.
- GEORGE E. ARMSTRONG, M.D., C.M., Professor of Operative Surgery, Physician Western Hospital, Assistant Surgeon Montreal General Hospital, 1127

 Dorchester Street.
- A. LAPTHORN SMITH, B.A., M.D., MR.C.S. Eng., Lecturer on Gynæcology, Physician Western Hospital, Gynecologist Montreal Dispensary, 68 Beaver Hall Terrace.
- H. L. REDDY, B.A., M.D., L.R.C.S.E., L.R.C.P., Lond., Professor of Obstetrics, Physician to and Accoucheur of Western Hospital, 61 Beaver Hall.
- J. T. DONALD, M.A., F.C.S., Professor of Chemistry, 78 Mance Street.
- ALEXANDER PROUDFOOT, M.D., C.M., Professor Ophthalmology and Otology, Oculist to Montreal Dispensary and Western Hospital, 2 Phillips Place.
- G. TILLERIE Ross, M.D., C.M., Professor of Physiology, Physician Montreal Dispensary, Registrar, 62 Beaver Hall.
- JOSEPH BEMROSE, F.C.S., Professor of Practical Chemistry, 56 St. Famille St.
- A. P. Scott, C.M., M.D., L.R.C.P. Lond., Professor of Anatomy, 143 Bleury Street.
- F. M. R. Spendlove, C.M., M.D., Professor of Materia Medica and Therapeutics, Physician Montreal Dispensary, Librarian, 2709 St. Catherine Street.
- F. R. England, C.M., M.D., Physician Montreal Dispensary, Professor of Diseases of Children, 529 Wellington Street.
- J. M. JACK, C.M., M.D., Lecturer on Diseases of the skin, Assistant Physician Montreal Dispensary, 270 *University Street*.
- Rollo Campbell, C.M., M.D., Demonstrator of Anatomy, Physician Montreal Dispensary, 10 Phillips Place.
- Jos. A. HUTCHISON, M.D., Lecturer on Hygiene, Physician Montreal Dispensary, 515 Wellington Street.
- J. GRANT STEWART, M.D., C.M., Lecturer on Botany, 53 Courville Street.

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UNIVERSITY OF BISHOP'S COLLEGE.

The 20th session of this Faculty will commence on Wednesday, the first day of October, 1890, and will be continued regularly until the end of March, the usual Christmas vacation intervening.

The Faculty of Medicine of Bishop's College aims at imparting a thoroughly practical medical education, and its facilities for doing so are in many respects unequalled in Canada. In addition to the regular courses of didactic lectures, student have the advantage of extensive and varied hospital privileges.

The General Hospital, Hotel Dieu Hospital and Dispensaries afford every opportunity to students of this College to receive clinical instruction in medicine and surgery. At the Western Hospital and Women's Hospital special advantages are afforded for the practical study of Obstetrics and Gynecology.

The College building contains large lecture rooms, several smaller lecture rooms for Practical Chemistry, Histology, etc., and large, airy, well-lighted dissecting rooms at the top of the building, isolated from the rest of the class-rooms. Under the new Anatomy Act of the Province of Quebec, ample material for dissection is provided at a moderate rate.

The Histological Laboratory is supplied with a complete outfit of Microscopes, microtomes, and of Bacteriological and other modern apparatus.

This Faculty is recognized by the Royal College of Surgeons, England, and the Royal College of Physicians, London. Class tickets for the various courses are accepted by these Colleges as qualifying canditates for examination. The Royal College of Physicians of Edinburgh, the Royal College of Surgeons of Edinburgh, and the Faculty of Physicians and Surgeons of Glasgow also accept the class tickets of Bishop's College, and the Diploma of this University exempts its holder from being examined on the subjects of the Primary branches and Matriculation. Such candidates are therefore only required to

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pass in the subjects of the Final Branches, including Hygiene. The Scottish colleges acting conjointly grant only one examination, and therefore confer a triple qualification.

The degree in Medicine and Surgery of this University, being accepted by the licensing bodies of Great Britain, its possessor is entitled to the same exemptions as are allowed all other recognized colonial degrees. The College of Physicians and Surgeons of Quebec accept the degree without further examination, provided the holder of such degree has, previous to beginning the study of medicine, passed the preliminary examination exacted by that Board.

The class tickets for the various courses are accepted as qualifying for the examination of the College of Physicians and Surgeons of Ontario, and the Maciculation examination of this Faculty is recognized by the general Medical council of Great Britain.

The medical degrees of this University are—Master of Surgery (C.M.) and Doctor in/Medicine (M.D.). The degree of Master of Surgery is not conferred to any person who does not also at the same time obtain the degree of Doctor in Medicine.

Convocations for the conferring of medical degrees are held in Montreal immediately after the close of the session.

HOSPITAL PRACTICE.

Montreal being the largest and most populous city in the Dominion of Canada, as well as the commercial metropolis, affords very great opportunities to the medical student for acquiring an amount of practical experience of disease and accident, medical and surgical, that is rarely obtained elsewhere. Unfortunately (fortunately for the medical student) the larger the city the greater the extremes of wealth and poverty, and Montreal forms no exception to this rule. The poor we have always with us. The large wards of our many large hospitals are in a chronic state of over-crowding with the sick and suffering, affording examples to the teacher and student of the greatest variety of disease. Being a large manufacturing centre, and being at the head of ocean navigation, the greatest variety of accidents are daily presented to the student for illustration and instruction, and students are most urgently requested to spend as much time as possible in the wards of the hospital and in the out-door rooms of the hospitals and dispensaries, to familiarize themselves with the work for which they are preparing themselves. The world over the

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best and most successful men are those doing hospital work, and the best students are those who spend as much time as is consistent with proper attention to their other work, in reporting and dressing in hospital wards.

The Western Hospital (50 beds) is attended by a staff of eightphysicians, most of whom are members of this Faculty. It is the only special Hospital for diseases of women in the Dominion.

The various gynecological operations are frequently performed. The large number of successful abdominal sections which have occurred in this Institution has afforded abundant opportunities for witnessing the recent advances in abdominal surgery. Members of the staff are in attendance daily at 12 noon, at which hour clinics are held, which furnish advantages to students desirous of successfully studying uterine and other diseases peculiar to women. The position of Resident House surgeon is open to senior students of the college.

The Lying-in department of the Western Hospital is entirely under the control of Bishop's College, and is directly under the superintendence of the Professor of Obstetrics, and from the large number of patients admitted affords greater facilities for acquiring a practical knowledge of midwifery than can be obtained in any other

medical school in Canada.

The Montreal General Hospital (200 beds) is situated within a few minutes walk of the College, and is visited daily by two physicians and two surgeons, besides two ophthalmic surgeons, two gynecologists and a laryngologist. This is essentially an acute hospital, as evidenced by the large number of patients treated annually,-2553 Medical and Surgical, besides an out-door attendance of about 13,000 per annum. It affords equal advantages to students of all Medical colleges for obtaining a practical knowledge in every department of Medicine and Surgery. A wing used as a Children's Hospital will also greatly assist students in the study of diseases of children. A special department for the treatment of diseases of the eye and ear, under the care of the Ophthalmic Surgeons, affords students facilities for their study. The large number of out-patients enables the physicians in attendance to impart instruction, by selecting cases for demonstration presenting a variety of symptoms and points of comparison and con-Practice can be obtained in auscultation and other means of Physical Diagnosis. Clinical instruction is given daily and all

operations performed in the presence of the students. Regular Clinical Lectures open to students of this University are delivered during the winter, Dr. Bell lecturing on Clinical Surgery, and Dr. MacDonnell on Clinical Medicine. In addition a Clinical lecture is given every Monday and Thursday by Dr. Campbell, Dean of the Medical Faculty of Bishop's College.

The Hotel Dieu Hospital (200 beds) is within a short distance of Bishop's College, and is also open to the students of the latter. Attention is directed to the vast amount of Surgery to be seen in this Institution, which is much greater than in any other Hospital in Canada. Clinical lectures in Surgery are delivered by Dr. Hingston, and in Medicine by Dr. Guerin. Students of Bishop's College can attend these lectures.

The Montreal Dispensary, with a staff of six attending physicians and an Oculist, Gynecologist and Laryngologist, has an average daily attendance of about fifty patients. Being in close proximity to the manufacturing districts of the city, it has a large number of minor accidents brought to it for attention, thus giving excellent opportunity for the practice of minor surgery—such as dressing wounds, bandaging, strapping, application of splints, &c. The student will have every facility afforded him for acquiring practical knowledge, by auscultation and percussion, of diseases of the chest which forms a large portion of the cases seen here. A very large number of cases of diseases of the eye, ear and throat are treated at this institution, and students will be practically taught the use of the ophthalmoscope, laryngoscope, etc. This department is under the charge of the Professor of Ophthalmology, etc., of Bishop's College, who will deliver a course of clinical lectures during the winter session.

In practical pharmacy the student has great advantages. The dispensing department is in charge of a licensed pharmacist, and students are permitted to dispense under his supervision. Many useful and practical hints in the compounding of drugs, as well as their doses, are thereby acquired.

ADMISSION OF LADY STUDENTS.

During the past few years the subject of the higher education of women and their admission to the learned professions has been greatly agit privileges have met w tested the capacity for equal footings so successfire erally preached The success of our profestudy, ind certain dep

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greatly agitated. The claims of women to be allowed the same privileges as male students in our highest "educational institutions have met with liberal recognition, and where the question has been tested the results have demonstrated beyond expectation their capacity for coping with the curriculum. Their efforts to obtain equal footing with male students in Medical colleges have not been so successful, owing chiefly to sentimental objections which have generally prevailed in regard to co-education in the Medical courses. The success achieved by those who have already become members of our profession, and the number now pressing for admission for its study, indicate that in the near future lady physicians will excel in certain departments of Medical practice.

A number of ladies residing in the United States as well as Canada having applied for admission to our College, the Faculty has after due, deliberation decided to meet this demand, and taken the initiative in the Province of Quebec, of accepting lady students on the same conditions as male students. Alterations in the College building have been made, providing separate dissecting rooms, cloak rooms, reading rooms, etc. The Faculty has decided to duplicate a few of the lectures on certain subjects, which to some extent have heretofore been an objectionable feature in the co-education scheme, and arrangements are being made for a lady assistant demonstrator to carry on the work under the superintendence of the demonstrator in the ladies' dissecting rooms.

Students attending this University, besides having the privilege of profiting by the unrivalled hospital facilities of this city for gaining medical and surgical knowledge, will also have special advantages for information in Obstetrics in the Lying-in Department of the Western Hospital, which is under the direction of the professor of Midwifery of Bishop's College.

The Western Hospital, the staff of which is chiefly composed of professors in this Faculty, also affords a large field for the study of diseases peculiar to women.

According to the Medical Act of 1879, in order to register a diploma in Medicine in the Province of Quebec and to obtain a license, it is necessary that all students must pass a preliminary examination before the examiners appointed by the Board, or produce a certificate of having passed an equivalent preliminary examination before a College or Licensing Board, recognized by the "Provincial

Medical Board," elsewhere than in the Province of Quebec. It is also absolutely necessary that students shall attend four full six months' sessions at College, and of these they are obliged to attend the first session during the first year succeeding the obtaining of certificate of qualification to study. The student before obtaining a Diploma must have been engaged in the study of Medicine, for a period of not less than four years after having passed the preliminary examination.

Students intending to practice in Ontario are required by the Medical Council of that Province to pass their preliminary examination before commencing the study of Medicine. Those having the degree of B. A. and Matriculants of any University in her Majesty's Dominion are exempt from this examination in this University. The preliminary examination of the Province of Ontario is also accepted. The B. A. degree is now accepted by the College of Physicians and Surgeons of Quebec. Students who do not desire the license of either Province must pass the Matriculation Examination of this University, or present an equivalent examination before a body authorized for that purpose, if not otherwise qualified as above indicated.

Attention is particularly directed to the importance of passing the matriculation examination in the spring, as four full years of professional study are required from the date of matriculation before a provincial license is granted either in Ontario or Quebec.

PRELIMINARY EXAMINATION.

A. N. SHEWAN, M. A., Examiner.

Students who do not desire the license of either the Quebec or Ontario College of Physicians and Surgeons, and not otherwise qualified, will be examined by this University on the following subjects. Fee \$5.

Compulsory Subjects:—English; "Miller's Swinton's Language Lessons."

FRENCH; Grammar and Charles XII Two Books.

LATIN; Grammar and Æneid, Bk. I., or Cæsar

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ARITHMETIC; including Vulgar and Decimal Fractions.

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ALGEBRA; including Simple Equations. Geometry; Euclid, Books I. and II.

HISTORY; History of England and Canada, Onta-

GEOGRAPHY; particularly of Canada.

Belles-Lettres; Brook's Primer of English Literature.

OPTIONAL SUBJECTS:—GREEK; Xen. Anab., Book I, with grammar.

NATURAL PHILOSOPHY; Ganot's Physics, Chaps. I., II. and III.

MORAL PHILOSOPHY; Murray's Outline of Hamilton's Philosophy.

The preliminary examinations of the College of Physicians and Surgeons of Quebec are held at Montreal in the month of May, and at Quebec in September. Fee for this examination—ten dollars. Should the candidate be unsuccessful, one half the fee will be returned. For more complete details address either of the Secretaries, Dr. F. W. Campbell, Montreal, or Dr. A. G. Belleau, Quebec. For the Province of Ontario write to Dr. Pyne, Toronto.

The Student is recommended to attend as follows (paying special attention to Practical Anatomy during the first two years):—

FIRST YEAR.

Anatomy, Practical Anatomy, Physiology, Materia Medica, Chemistry, Practical Histology, Botany, Hygiene and Hospital Practice.

Students are at liberty to present themselves for examination on Botany, Histology and Hygiene, at the end of their first session.

SECOND YEAR.

Anatomy, Physiology, Materia Medica, Chemistry, Practical Chemistry, Obstetrics, Pathology, Dissection, Hospital Practice and Clinics.

Students who have passed their Examination on Botany, Histology and Hygiene, and have attended two complete courses on any of the primary subjects, are admitted to examination on these subjects at the end of their second year.

THIRD YEAR.

Medicine, Surgery, Pathology, Obstetrics, Gynecology, Diseases of Children, Medical Jurisprudence, Hospital Practice and Clinical Lectures.

Students who have passed the examinations on all the primary subjects may be admitted to the examinations on Medical Jurisprudence, Pathology and Ophthalmology at the end of their third year, and summer session is compulsory after 3rd year to all students attending this College.

FOURTH YEAR.

MEDICINE, SURGERY, OPHTHALMOLOGY, OBSTETRICS, GYNECOLOGY, DISEASES OF CHILDREN, HOSPITAL PRACTICE AND CLINICS.

Students who have passed their examination on all Primary subjects will be admitted to the final examination at the end of their fourth year.

Candidates may, if they choose, be admitted to all examinations at the end of their fourth year.

PROFESSIONAL EXAMINATIONS.

Each candidate is examined in writing and viva voce. The Primary subjects are Chemistry, Practical Chemistry, Anatomy—Descriptive and Practical, Physiology and Histology, Materia Medica, Botany and Hygiene. The subjects of the final examinations are: Practice of Medicine, Surgery, Pathology, Obstetrics, Gynecology, Medical Jurisprudence, Ophthalmology, Diseases of Children, Clinical Medicine and Clinical Surgery. By passing these examinations on the plan above suggested, a definite amount of work is accomplished each year, and an equal division is made between the Primary and Final branches.

Seven prizes will be offered for competition during the ensuing Winter Session.

The Wood Gold Medal.—A Gold Medal, presented annually by Dr. Wood to the student who has attended at least two six months' sessions at Bishop's College, and at the final examination has the highest aggregate number of marks on all the subjects of professional examination.

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months' has the The Robert Nelson Gold Medal (value \$60).—Presented annually for the best special examination in Surgery, open to all candidates who have taken honors in all the subjects, and who have attended at least two six months' sessions at Bishop's College.

The David Medal.—In 1880 the Faculty founded a Scholarship which was afterwards named the "David Scholarship" in honor of their late Dean. Owing to changes having occurred in the arrangements of lectures, it has been decided that in future this prize shall consist of a silver medal to be known as the "David Medal," which will be awarded to the student who obtains the highest number of marks in the Primary Examinations.

The Chancellor's Prize.—A prize in books to be given annually by R. W. Heneker, Esq., Chancellor of this University, to the student who passes the best final examination. (This prize is not open to the "Wood" Gold Medalist.)

The Wood Gold Medal, the Nelson Gold Medal, the David Silver Medal, and the Chancellor's prize are awarded to those who have attended at least two (2) six months' courses at Bishop's College.

Prizes in books will be given to:-

- 1. The student who passes the best examination in Botany.
- 2. The best dissector in the first year.
- 3. The best dissector in the Senior class, second year.

To obtain first-class honors, at least seventy-five per cent. of the marks must be taken; second-class honors, at least sixty per cent.; to pass the ordinary examination at least fifty per cent.

No student can receive a prize who has not taken honors in the examinations.

TABLE OF FEES.

LECTURES:

 TORES. /		
Anatomy, two courses required	each\$12	00
Physiology " "		00
Chemistry " "	′′	00
Materia Medica "	"	00
Principle and Practice of Medicine, two cours	//	00
Principles and Practice of Surgery, two course		00
Obstetrics, two courses	"	
Medical Jurisprudence, one course required		00
, series, one course required	10	00

Pathology, o	ne three m	onths' co	urse .	• • • • • •		"	6	00
Gynecology,	two course	S		••••		"		00
Diseases of (Children, tw	o course	s			"		00
Ophthalmolo	gy, one 3 n	nonths' c	ourse	requi	red	"		00
Hygiene,		66	"	- "		"		
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A perpetual ticket for attendance on all the above lectures will be given at a reduced fee, if paid in one sum immediately on commencing the course of lectures. This will effect a considerable saving to the student. Apply to the Registrar, Dr. Ross.

0 11 1000.		
PRACTICAL ANATOMY, two courses required each	.\$10	00
Practical Chemistry, one course required "	I 2	00
PRACTICAL HISTOLOGY	16	00
ENREGISTRATION (each Session)	4	00
REGISTRATION OF DEGREE	20	00
 	5	00

All the above fees to be paid to the Registrar at the commencement of each session.

No student will be permitted to attend any of the Practical Branches, unless the fee for such branch has been paid prior to the commencement of the course.

Students are at liberty, after having paid for two full courses of Lectures on any subject (except Practical Chemistry and Practical Histology), to attend subsequent courses on the same subject free.

HOSPITAL FEES:-

Montreal General Hospital.

Admission Tickets, six months \$8, twelve months\$12	00
Perpetual Ticket 20	00
Clinical Lectures on Surgery, two courses required, each 12 "Medicine " " "	00
Medicine " " 12	00

Students who can attend the Hospitals and Dispensaries during the summer will find it greatly to their advantage to do so. The smaller number of students then in attendance affords greater facilities to those attending for acquiring information. See also announcement of Summer course.

Dresserships and Clinical clerkships can be obtained at the Montreal General Hospital by making an early application.

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Graduates of Bishop's College are eligible for the position of Resident Medical Officers, of which five are elected annually on the tenth of April.

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The Wood gold medalist of session 1889-90 was one of the successful candidates for position of House Surgeon this year to the General Hospital.

. Western and Women's Hospital.

Admission Tickets, six months..... \$ 8 %

An annus medicus, or medical session, is constituted by at least two full courses of 120 lectures each, or by one such course, and two courses of 60 lectures each, with previous enregistration.

Students of this University who do not reside in the city, on application to the Registrar, will be furnished with certificates, which, through the kindness of the Railway authorities, will entitle them to return tickets from Montreal at greatly reduced rates.

RULES.

At the commencement of every session students are required to enroll their names and residences in the register of the Medical Faculty, and obtain from the Registrar a ticket of enregistration. The Matriculation books of the Registrar shall be closed on the first day of December in each year.

Written or oral examinations will be held by each Professor once a week upon the subjects treated of in his preceding lectures, and every such examination shall be considered a lecture. Each Professor shall, at intervals, call a roll of the names of the students attending his class. Tickets which have not a certificate of regular attendance shall be rejected when presented as testimonials, previous to examination, unless the omission be satisfactorily accounted for.

Candidates for graduation in Medicine and Surgery must give sufficient evidence, by certificates:—

1. That they have attended two six months' courses of lectures on each of the following departments of Medical science:—General or Descriptive Anatomy, Principles and Practice of Surgery, Theory and Practice of Medicine, Obstetrics, Chemistry, Physiology, Materia Medica.

2. That they have attended two three months' courses in Pathology, Gynecology, and Diseases of Children; one six months' course in Medical Jurisprudence; one three months' course each of Botany, of Hygiene and of Practical Chemistry and Ophthalmology, and also a course of not less than twenty-five demonstrations upon Microscopic Anatomy, Physiology and Pathology.

3. That they have attended not less than two six months' courses of Clinical Medicine and Clinical Surgery.

4 That they have attended two six months' courses of Practical Anatomy.

5. That they have attended for at least eighteen months, or three periods of six months each, the Medical and Surgical practice of a Hospital in which are contained not less than fifty beds under the charge of not less than two physicians or surgeons, and that they have been engaged for at least six months in compounding medicines at a Hospital, Dispensary, or with a duly licensed practitioner.

6. That they have attended at least six cases of Midwifery, either in a lying-in-hospital, or in a private practice, under the supervision of a regular medical practitioner.

Candidates for the degree must, on or before the first day of March, deliver to the Registrar of the Medical Faculty a declaration, in their own handwriting, that have completed twenty one years of age (or that they will have done so before the day of graduation).

Also a statement of studies, accompanied with proper certificates, and the graduation and registration fee.

Students in Dentistry taking their lectures at this college will have a special examination at close of the session.

LECTURES.

SESSION 1890.

PRINCIPLES AND PRACTICE OF MEDICINE

BY

FRANCIS W. CAMPBELL, M.A., M.D., L.R.C.P. LOND.

It is proposed in these Lectures to give a complete history of the most important constitutional affections, as well as of the diseases which attack the principal organs of the human body.

The distribution of the Course will have as far as possible some reference to the different systems of organs, the diseases of which will be separately and fully described. Thus diseases of the respiratory, digestive, nervous organs, &c., will constitute distinct sections of the entire course, and, again, the different forms of fever, including the acute febrile diseases of specific character, will form a separate group.

DIGESTIVE SYSTEM: Diseases of the Mouth, Tongue, Salivary Glands, Pharynx, Œsophagus, Stomach, Intestines, Liver and Gallbladder, Pancreas, Spleen, Cholera.

Mesenteric Glands, and Peritoneum, Worms.

RESPIRATO Lungs.

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CIRCULATORY SYSTEM: Diseases of the Heart, Arteries, and Veins. URINARY SYSTEM: Diseases of the Kidneys and Bladder.

FEVERS: Typhoid, Scarlet, Measles, Smallpox, &c.

NERVOUS SYSTEM: Diseases of the Brain, Spinal Cord and Nerves, Chorea, Epilepsy, Delirium Tremens, Hysteria, Locomotor Ataxia.

GENERAL DISEASES: Anæmia, Chlorosis, Leucocythæmia, Rheumatism, Gout, Scurvy, &c.

Books Recommended—Bristowe, Watson, Flint, Loomis, Roberts, Fagge, Pepper's System of Medicine.

PRINCIPLES AND PRACTICE OF SURGERY.

BY

JAMES PERRIGO, M.A., M.D., M.R.C.S. ENG.

This course of lectures will be practical, and will include the principles on which the Science of Surgery is founded, and also the chief rules for its practice.

It will be divided into two parts,—General and Special. General Surgery embraces the following subjects:—

INFLAMMATION: Suppuration, Abscess, Hectic Fever, Pyemia, Ulcers and Gangrene, Erysipelas.

INJURIES: Wounds, Hermorrhage, Dislocations and Fractures, Burns, Tetanus, Hernia.

MORBID GROWTHS.

Special Surgery: Diseases of Joints, of Arteries, Veins, Nerves, Mouth, Nose and Throat, and on account of the great progress made in abdominal surgery, particular attention will be given to that region.

Diseases of the Urinary and Generative organs, Venereal diseases, Rectal diseases.

When required, charts will be used, instruments shown, and their uses fully explained.

Text-Books.—Erichsen, Byrant, Walsham.

Books of Reference.—Gant, Agnew, Gross, Hammond on Fractures, Berkely, Hill or Keyes on Venereal Diseases, Allingham.

T

OPERATIVE SURGERY.

PROFESSOR ARMSTRONG.

Operations will be performed on the dead body, the different forms of surgical instruments, apparatus, etc., shown, and their uses explained.

Senior students will have the opportunity of performing operations themselves on the dead subject under the guidance of the Professor.

Text-Books. - Erichsen, Druitt, Clark, Smith, Bryant.

Books of Reference.—Holmes' System, Gant, Gross, Agnew, Pepper's Surgical Pathology.

DISEASES OF THE EYE, EAR AND THROAT.

PROFESSOR A. PROUDFOOT.

Wilembrace a course of lectures upon the diseases of these organs. Special attention being paid to the diseases and injuries most commonly met with in general practice.

From the large number of patients attending the Montreal Dispensary, students will have ample opportunities of becoming familiar with these diseases and their treatment. Each student will be expected to become practically expert in the use of the Ophthalmoscope and Laryngoscope.

OBSTETRICS.

PEOFESSOR REDDY.

PREGNANCY, including Abortion and Premature Labor.

NATURAL LABOR, COMPLEX LABOR, &C.

Obstetrical Operations, The Puerperal State and its management.

The Principal Obstetric operations, such as Version, Forceps, Craniotomy, &c., are performed on the Fresh Cadaver with Fœtus.

Each student will be practically instructed at The Women's Hospital.

Books Recommended.—Playfair, 5th Amer., 9th Eng., Lusk, Leishman, Meadows and Winckel.

PATHOLOGY AND MORBID ANATOMY.

PROFESSOR McCONNELL.

In this course will be included the consideration of the Processes

of Disease a appearances conditions o parations fro scope.

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3. Disease Fistulae.

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of Disease and Principles of General Pathology; the Macroscopic appearances and Pathological Histology of the various diseased conditions of the human body, illustrated by recent specimens, preparations from the College Museum, and sections under the microscope.

The various alterations in the blood and circulation and Lymph; Disturbances of Nutrition, degenerations, hypertrophy, etc.; the various forms of Tumours, Malformations, Inflammation, Fever.

The causes of Diseases will also be dealt with, and the influence of the various Pathogenic Bacteria, Ptomaines, Leucomaines, Animal Parasites, etc.

Diagrams, colored plates, blackboard drawings, lantern enlargements of Photomicrographs, Bacteria cultures, etc., will be freely used for further illustration.

Text-Books.—Green's Pathology and Morbid Anatomy, Paynes' Manual of General Pathology.

MEDICAL JURISPRUDENCE.

(Including Toxicology and Psychology.)

Professor.

The purpose of these lectures is to bring, as far as possible, within a reasonable compass, the application of medical knowledge to medico-legal investigation.

Text-Books.—Guy's Forensic Medicine; Taylor's Medical Jurisprudence; Blandford on Insanity.

GYNECOLOGY.

A. Lapthorn Smith, M.D., C.M., &c., Lecturer.

This course will embrace the following subjects:-

- 1. Abnormalities.
- 2. Diseases of the external Genitals, including the injuries of the Perineum.
- 3. Disease and injuries of the Vagina; Vesico and Recto Vaginal-Fistulae.
- 4. Diseases and injuries of the Uterus, including Stenosis, Subinvolution, Metritis, Endometritis and Fibroids; Deformities, Displacements and Lacerations. In connection with these latter sub-

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jects thorough instruction will be given in the use of the continuous and interrupted currents of electricity.

- 5. Diseases of the Fallopian tubes, including Salpingitis, Hydro and Pyosalpinx and Tubal Gestation.
- 6. Diseases of the Ovaries, including Ovariotomy and other forms of Abdominal Surgery.
 - 7. Pelvic Peritonitis, Pelvic Cellulitis and Pelvic Abscess.
 - 8. Diseases of the Female Bladder and Urethra.

In connection with this course each student will be allowed to perform the various operations on the wet specimen at the Montreal Dispensary in the department for diseases of women, which is under the charge of the professor of Gynecology.

At the out-patient department of the Women's Hospital there will also be a course of instruction in practical diagnosing and treatment, the students being taken two at a time in regular rotation to assist the Professor.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR SPENDLOVE.

This course of lectures will take into consideration the origin, properties, composition, preparations, physiological actions and therapeutics of the various substances employed in medicine.

The physiological action of remedies and the principles which govern their therapeutic employment will receive the fullest attention.

The art of prescribing and writing prescriptions will also receive particular attention.

The lectures will be illustrated by plates, diagrams, specimens, dried preparations and a complete cabinet of medicinal substances.

The concluding lectures of each session will be devoted to the consideration of new remedies and discoveries relating to therapeutics, thus bringing the subject fully up to date.

Books Recommended.

Materia Medica.—British Pharmacopæia; Squire's Companion. Therapeutics.—Bartholow, Brunton, Ringer.

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PROFESSOR McCONNELL.

This course will consist of about thirty demonstrations in the Microscopic Anatomy of normal and diseased tissues, and in experimental Physiology and Pathology. Students will be taught the different methods of examining animal structures and preparing the tissues by hardening, softening, injections, etc., for sections by the Microtome; how to mount and preserve the specimens; also the methods of cultivating and examining the different forms of Pathogenic Bacteria.

Text-Books.—Gibbs, Schafer, Crookshank and Woodhead.

CHEMISTRY AND CHEMICAL PHYSICS.

PROFESSOR DONALD, M.A.

The object of this course is to impart a general knowledge of the elements of Physics and a more extensive knowledge of Chemistry.

The relations of Chemistry to Physiology and other branches of medicine will be explained.

Inorganic and Organic Chemistry will be specially referred to, more especially in relation to Medicine and Pharmacy.

The lectures throughout will be illustrated by diagrams and specimens, and by experiments, for which the College possesses a very good collection of apparatus.

Text-Books.—Balfour Stewart's "Lessons in Elementary Physics," Attfield's Chemistry, Bartley's Medical Chemistry, Remsen's Organic Chemistry.

PHYSIOLOGY.

PROFESSOR GEORGE T. Ross.

These lectures will be devoted to the consideration of the structure, composition and properties of the several Fluids, Tissues and Organs of the body; the natural changes through which they pass; and the functions they discharge. They will include respiration, circulation, digestion, nutrition, secretion and excretion; also embryology and development and the nervous system.

Microscopic specimens will be used to illustate the subjects. Books Recommended.—Kirke, Foster, Yeo, Power.

DESCRIPTIVE AND SURGICAL ANATOMY.

PROFESSOR SCOTT,

This course of Lectures will embrace a minute and detailed description of the various systems of which the Human Body is composed severally and their relations to each other, and to the more practical points in Surgery.

Reference will be made, as occasion offers, to Surgical Diseases, the relative position of parts will be dwelt upon, so as to embrace Regional Anatomy. The lecture will be illustrated by careful dissections, preparations, plates, etc., and every anatomical fact will be thoroughly demonstrated to the Class.

Books Recommended.—Quain & Wilson, Gray, Reeves, Allan's System of Anatomy.

HYGIENE, OR STATE MEDICINE.

Dr. J. Alex. Hutchison, Lecturer.

The lectures on this subject, the importance and value of which are now universally admitted, are intended:—

To teach the application of Sanitary Science to questions concerning Public Health.

To afford rules for the conduct of the Medical Practitioner in Sanitary Inquiries, Municipal Sanitation, School Hygiene, etc.

To inculcate the use of suitable Hygienic Measures in the prevention and arrest of Contagious Diseases.

To confer such knowledge of the principles of State Medicine as it is desirable that every medical man should possess.

Books Recommended.—Traité d'Hygiene, par M. Levy; Wilson's Handbook of Hygiene; Practical Hygiene, by Parkes.

PRACTICAL ANATOMY.

Rollo Campbell, C.M., M.D., Demonstrator.

This Department is under the Superintendence of the Professor of Anatomy.

The dissecting room is open daily from 8 a.m. to 10 p.m., except on Saturday, when it is closed at 5 p.m.

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Ample opportunities are afforded for dissecting, fresh subjects at fixed rates being provided by the Demonstrator, who will be in attendance daily, to direct and assist students in their dissections, and examine upon the work done in the room. The dissecting rooms are supplied with every requisite for the comfort and convenience of students, due regard being observed for sanitary measures. Every possible facility will be afforded the student in this most important department.

Students during dissection of each extremity are examined on the muscles, arteries, nerves, etc., of that extremity as they are exposed. Certificates are granted as soon as the student shows by examination a thorough knowledge of the anatomy of the part and its practical bearing in relation to Medicine and Surgery.

A separate dissecting room will be provided for lady students, and will be conducted by the Demonstrator and his assistants.

Books Recommended for use in the Dissecting Room.—Heath's Manual of Dissection, Ellis' Demonstration of Anatomy.

PRACTICAL CHEMISTRY.

PROFESSOR JOSEPH BEMROSE, F. I. C., F. C. S.

Work in the Laboratory for Practical Chemistry is continued throughout the winter months, and is intended to afford to the student a knowledge by personal experiment of the more important elements and compounds used in medical practice, special attention being paid during the first half of the session to the reactions of those of a poisonous nature, both inorganic and organic, afterward the qualitative examination of urine and calculi, tests for blood, bile, acids and pigments will be followed by quantitative estimations of urea, sugar, etc.

To each student is allotted a working space furnished with a full set of reagents; also the necessary apparatus, for which a deposit of \$5 will be required, to be returned at end of session, less an amount sufficient to cover breakage.

Students who are not following other courses will be admitted to the Lectures and Laboratory on matriculation.

Books necessary-Attfield or Odling.

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BOTANY.

J. GRANT STEWART, M. D., C. M., Lecturer.

This subject will be considered in the following order:

Part I.—STRUCTURAL BOTANY.
Part II.—PHYSIOLOGICAL BOTANY.
Part III.—SYSTEMATIC AND DESCRIPTIVE BOTANY.

The general principles of classification will be dwelt upon, and the natural and artificial systems compared with each other. Attention will be especially directed to those orders containing medical plants, indigenous and otherwise. The method of collecting, drying, mounting and determining plants will also be explained. The course throughout will be illustrated by plates, drawings, microscopical preparations and dried specimens.

Books recommended.—Bessey, Dr. Gray's Structural and Systematic Botany.

SESSION 1889-90.

The names and addresses of students who matriculated during past session are as follows, viz.:—

Lemieux, A. A.
MacKenzie, S.
Macrae, D. D.
Mayner, A. E.
Purvis, J. W. F.
Rice, C. Allan
Smiley, T. B.
Simpson, R. S.
Smiley, W. N.
St. Denis, N.
Saucier, A....
Tanguay, G. B.
Vidal, C. E. K.

The follow Physiology: — I

Woods, C. R.

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Anatomy 1st

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Lemieux, A. A	Montreal, Que.
MacKenzie, S. R	Montreal, Que.
Macrae, D. D	Montreal, Que.
Mayner, A. E	
Purvis, J. W. F	
Rice, C. Allan	
Smiley, T. B	
Simpson, R. S	
Smiley, W. N	
St. Denis, N. J	Medford, Mass.
Saucier, A	
Tanguay, G. B	
Vidal, C. E. K	
Woods, C. R.	
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RESULTS OF EXAMINATIONS.

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Physiology: - 1st Class Honors-W. Burnett, J. W. F. Purvis, Ewing Brandt, M. Goltman.

2nd Class Honors-F. J. Hackett.

The following Students passed in

Anatomy. Ist Class Honors-J. W. F. Purvis, F. J. Hackett.

2nd Class Honors—D. D. Macrae.

The following Students passed in

Materia Medica.—1st Class Honors—W. Burnett, J. W. F. Purvis, M. Goltman, J. J. Edwards, C. A. Lauchlan.

2nd Class Honors-D. D. Macrae.

The following Students passed in

Hygiene.—Ist Class Honors—C. Allan Rice, S. C. Dixon.

Ordinary-D. Hunter. H. Duval.

The following passed in

Chemistry.—Ist Class Honors—W. Burnett, J. W. F. Purvis, Ewing Brandt,
M. Goltman, F. J. Hackett, G. L. T. Hayes, T. B.
Smiley.

2nd Class Honors—A. A. Duclos.

The following Students passed in

Practical Chemistry.—Ist Class Honors—W. Burnett, G. L. T. Hayes.

2nd Class Honors—F. J. Hackett, T. B. Smiley.

Ordinary-M. Goltman, J. W. F. Purvis.

The following Students passed in

Botany.—1st Class Honors—F. J. Hackett, C. A. Lauchlan.

and Class Honors-W. Burnett, J. W. F. Purvis, M. Goltman.

The following passed all the primary subjects, including Anatomy, Practical Anatomy, Chemistry, Practical Chemistry, Physiology, Histology, Materia Medica, Hygiene, and Botany, viz.:—

J. J. Edwards, Jamaica, W. I. J. W. F. Purvis, Brockville, Ont. FINAL EXAMINATIONS.

The following passed all the subjects entitling them to the degree of M.D., C.M., of this University, viz.:—

James Laurie, B.A.,
A. E. Mayner,
W. N. Smiley,
D. H. Judd,
C. A. Lauchlan,
Geo. B. Tanguay,
Charles E. K. Vidal,

Quebec City.
Havana, Cuba.
Mallorytown, Ont.
Montreal.
Fall River, Mass.
Toronto.

Passed in Pathology.—Ist Class Honors—A. E. Mayner, C. R. Woods, J. J. Edwards.

Passed in Medical Jurisprudence.—1st Class Honors—C. E. K. Vidal, C. R. Woods, J. J. Edwards, H. Tatley.

Passed in Ophthalmology.—Ist Class Honors—A. E. Mayner, C. A. Lauchlan, C. E. K. Vidal, C. R. Woods, J. J. Edwards.

2nd Class Honors—Jas. Laurie, H. Tatley. Ordinary—G. B. Tanguay, A. A. Duclos.

The Examinations for the degree of C.M., M.D., were held April 2nd and 4th.

The Convocation of the University for conferring degrees in Medicine was held at the Synod Hall, Montreal, on Tuesday, the 8th day of April, when the degrees of C. M., M.D., were conferred on the above-named gentlemen.

Dr. Laurie gave the Valedictory Address of the Graduating Class. The Valedictory Address to the Students on behalf of the Faculty was delivered by Professor G. Tillerie Ross.

The following are the prize winners, viz.:—

Wood Gold Medal, for highest marks in all the subjects, Primary and Final, awarded to Mr. Chas. E. K. Vidal, Toronto.

Chancellor's Prize, for best Final examination, awarded to Mr. A. E. Mayner, Havana, Cuba.

Nelson, Gold Medal, for best Special examination in Surgery, awarded to Mr. James Laurie, Quebec City.

David Silver Medal, for best examination in the Primary subjects, awarded to Mr. James J. Edwards, Spanishtown, Jamaica, W.I.

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Junior Dissect Botany Prize,

STUDE

BALL (C. DEXTER 1880 Botany, I Practical

1884 Final Exours.

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BISHOP, B. A. (1

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Medal,
BLACKMER (R. C

1882 Practical 1884 Final Ex

BRONSTORPH (ER 1883 Primary ship.

1884 Final Ex

BURNETT (Wm.). 1889 Practica CAMPBELL (Roll 1887 Chancell

CASWELL (J. A.)

1883 Final E

Medal

CAULEY (JOHN J 1876 Anatomy 1877 Primary

1877 Primary CHANDLER (HEN 1877 Botany,

Practica 1878 Primary

1880 Final E Medal CLARK (L. M.).

1887 David S CLARK (L. M.). 1880 Chancel

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1873 Physiolo 1874 Final Ex

Coquillette (V

1873 Practica

Senior Dissectors Prizes, awarded to Mr. F. J. Hackett and Mr. J. W. F. Purvis,

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STUDENTS WHO HAVE OBTAINED HONORS IN

MEDICINE IN THIS UNIVERSITY.

Junior Dissectors Prize, awarded to Mr. T. B. Smiley, Rodden, Que.

BALL (C. DEXTER).

880 Botany, Prize.

Practical Anatomy, Junior Prize.

being equal.

Botany Prize, awarded to Mr. F. J. Hackett, Montreal.

Fractical Anatomy, Junior Prize.

1884 Final Examination, First Class Honours.

BERTRAND (F. E.). 1887 Botany, Prize.

1888 David Scholarship.

BISHOP, B. A. (HEBER).

1880 Primary Examination, Prize.

1882 Final Examination, "Wood" Gold Medal, "Nelson" Gold Medal.

BLACKMER (R.C.).

1882 Practical Anatomy, Junior Prize.

1884 Final Examination, Chancel'r's Prize. BRONSTORPH (ERNEST).

1883 Primary Examination, David Scholarship.

1884 Final Examination, Wood Gold Medal, "Nelson" Gold Medal.

BURNETT (WM.).

1889 Practical Anatomy, Junior Prize.

CAMPBELL (Rollo). 1887 Chancellor's Prize.

CASWELL (J. A.).

1883 Final Examination, "Wood" Gold Medal.

CAULEY (JOHN J.).

1876 Anatomy, Special Prize.

1877 Primary Examination, Hon. Mention.

CHANDLER (HENRY B.).

1877 Botany, Prize.
Practical Anatomy, Prize.

1878 Primary Examination, Prize.

1880 Final Examination, "Wood" Gold
Medal.

CLARK (L. M.).

1887 David Scholarship.

CLARK (L. M.).

1880 Chancellor's Prize.

Costigan (Robert).

Practical Anatomy, Junior Prize. Physiology, Junior Prize.

1873 Physiology, Prize.

1874 Final Examination, Prize.

Coquillette (W. E.).

1873 Practical Anatomy, Junior Prize.

CURLETT (R. K.).

1884 Practical Anatomy, Junior Prize.

DAVIS (JOHN T.).

1875 Primary Examination, Prize. Final Examination, Prize.

DeMouilpied (Walter).

1881 Special Surgical Examination, "Nelson" Gold Medal.

Dubuc (Godfroi).

Practical Anatomy, Senior Prize.
Physiology, Senior Prize.
Primary Examination, Prize.

EDWARDS (J. J.).

1888 Practical Anatomy, Junior Prize.

1889 Practical Anatomy, Senior Prize.

1890 David Silver Medal.

ELLIOTT (C. E.).

1887 Practical Anatomy, Junior Prize.

"Wood" Gold Medal.
"Nelson" Gold Medal.

ENGLAND (F. R.).

1882 Botany, Prize.

1884 Primary Examination, David Scholarship.

1885 "Wood" Gold Medal, "Nelson" Gold Medal.

FAIRFIELD (W. E.).

1884 Botany, Prize.

1886 Primary Examination, David Scholarship.

"Wood" Gold Medal.
"Nelson" Gold Medal.

FOLEY (JAMES LESLIE).

1878 Practical Chemistry, Prize.

1880 Final Examination, Prize.

FRELEIGH (EDGAR O'B.).

1881 Practical Anatomy, Junior Prize.

GAHERTY (DENNIS).

1878 Primary Examination, Prize.

1879 Final Examination, "Wood" Gold Medal.

GODFREY (ROBERT F.).

1873 Practical Anatomy, Senior Prize.

GILL (L. H. U.).

1879 Practical Anatomy, Senior Prize.

UNIVERSITY OF BISHOP'S COLLEGE-FACULTY OF MEDICINE.

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LECTURES,

OF

	SAUNDERS (JABEZ E.).
	1881 Botany, Prize.
	1882 Primary Examination, "David"
	Scholarship.
	1885 Chancellor's Prize.
	SHAW (GEORGE BEGG).
	1873 Primary Examination, Prize.
	Final Examination, Prize.
	Physiology, Prize.
	Sirois (E.).
	1882 Practical Anatomy, Senior Prize.
	1883 Final Examination, Chancellor's Prize.
	SMILEY (T. B.).
	1890 Practical Anatomy, Junior Prize.
id	SMILLIE (NINIAN C.).
	1879 Practical Anatomy, Junior Prize.
old	Botany, Prize.
a-	1880 Practical Anatomy, Senior Prize.
	1882 Final Examination, Chancellor's
	Prize.
	SPENDLOVE (FRANK M. R.).
	1888 Final Examination, "Wood" Gold
	Medal.
	Primary Examination, Prize.
	Practical Anatomy, Senior Prize.
	1878 Practical Anatomy, Junior Prist.
	TOWLE (W. B.).
	1889 Chancellor's Prize.
ld	VIDAL (C. E. K.).
	1886 Potany, Prize.
	Practical Anatomy, Junior Prize.
	1888 Senior Prize.
	1890 "Wood" Gold Medal.
	WILSON (ROBERT H.).
	1881 Final Examination, Prize.
	WOOD (CASEY A.).
	1876 Primary Examination, Prize.
	1877 Final Examination, Prize.
	Woods (C. R.).

1888 Botany, Prize.

1875 Practical Anatomy, Junior Prize.

1877 Primary Examination, Prize.

1878 Final Examination, Prize.

1890 Practical Anatomy, Senior Prize. Botany Prize. LAURIE, JAMES B.A. 1890 Nelson Gold Medal. LATOUR (ANDRÉ). 1878 Final Examination, Prize. LEPROHON (RODOLPHE E.). 1878 Practical Anatomy, Senior Prize. LONGEWAY (A. F.). 1883 Botany, Prize. 1884 Practical Anatomy, Senior Prize. 1885 Primary Examination, Day Scholarship. 1886 Final Examination, "Wood" Go Medal, Special Surgical Examina tion. "Nelson" Gold Medal. MAYNER (A. E.). 1889 David Silver Medal. 1890 Chancellor's Prize. MEAGHER (HUGH A.). 1876 Practical Anatomy, Senior Prize. MITCHELL (HOMER E.). 1876 Practical Anatomy, Junior Prize. 1878 Primary Examination, Prize. Practical Anatomy, Special Prize. 1878 Final Examination "Wood" Gol Medal. NELSON (GEORGE W.). 1879 Final Examination, Prize. 1887 Practical Anatomy, Senior Prize. NICHOL (T. S). 1885 Practical Anatomy, Junior Prize. PALMER (JOSEPH L.). 1873 Practical Anatomy, Junior Prize. PICKEL (F. H.). 1886 Practical Anatomy, Senior Prize. 1888 Final Examination "Wood" Gold Medal, Special Surgical Examina-Young (WILLIAM). tion, "Nelson" Gold Medal. Purvis (J. W. F.).

1890 Practical Anatomy, Senior Prize.

1885 Practical Anatomy, Senior Prize.

GROULX (V. J.).

HACKETT (F. J.).

UNIVERSITY OF BISHOP'S COLLEGE—FACULTY OF MEDICINE.

HOURS OF LECTURES, &c.

	Monday.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.	REMARKS.
A.M.							
6	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.		
	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.		
01	Physiology.	Physiology.	Physiology.	Physiology.	Physiology.		
	Gynacology	Gvnæcology	Gvnæcology	Gvnæcology	Gvnæcology.		Pathology, Oct. to Dec.
11	Practice of	Practice of	Practice of	Practice of	Practice of		Hygiene, Jan. to Mch.
	Medicine.	Medicine.	Medicine.	Medicine.	Medicine.		Botany, Oct. to Dec.
,	Botany and Dis-	Botany and Dis-	Botany and Dis-	Botany and Dis-	Botany and Dis-		Diseases of Children,
P.M.	ı		k				
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_	Dispensaries.	Dispensaries.	Dispensaries.	Dispensaries.	Dispensaries.		
3	Pathology and	athology and	Pathology and	pun	Pathology and		
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4	Materia Medica	ateria Medica	Materia Medica	ğ	Materia Medica		
	and Medical	and Medical	and Medical	and Medical	and Medical		Histology, Oct. to Dec.
	Jurisprudence.	_	Jurisprudence.	Jurisprudence.	Jurisprudence.		Fractical Chemistry,
2	Ophthalmology.	gy.	Ophthalmology.	Ophthalmology.	Ophthalmology.		Jan. to March.
r.00	Chemistry.	Chemistry. Chemistry. Chemistry.	Prac Anatomy	Chemistry.	Chemistry. Drac Anatomy Prac Anatomy	Drac Anatomy	
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1872. Cunningham, Henry S. Montreal,	Q.
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	1877Gravely, Edward ACornwall,	Ont.	
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	1879. Jenkins, James Theodore	Q.	
	1890. Judd, David HiramMallorytown,	Cal.	
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	1871*Kennedy, R. A., M.D., ad eundem Montreal,	Cal.	
	1873*Kollymer, A. H., M.D., ad eundem Montreal,	Q.	
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	1874McKay, John M. Quebec,	Q.	
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-	1878. McDuffie, John W	Q.	
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	1877McLeod, John	- 62	
	1879 Marshall, Charles	Q.	
	1890. Mayner, A. E., 89 East St	W. I.	
	1888. Mignault, H. A., M.D., C.M., ad eundem St. Hyacinthe,	Q.	
	1883. Minckler, Philo E	U.S.	
	1878. Mitchell, Homer Elihu, Wood Gold Medal Stanbridge Station,	Q.	
	1872* Nelson, Wolfred D. E	U.S.	
	1879*Nelson, George Washington	U.S.	
	-1886. Nichol, William GMontreal,	Q.	
1-	1889. Nichol, Thos. Scott Montreal,	Q.	
	1884. Ogilvie, James, F. R.C.S.E., etc Kingston, Jamaica,	W.I.	*
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	1884. Patterson, William	Q.	
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	1887. Phelan, A. E		
7-80	1888. Pickel, F. H., Wood and Nelson Gold Medals Sweetsburg,	Q.	
	1875. Pidgeon, Joseph APerce, Gaspé,	Q.	C
	1882. Prendergast, W Montreal,	Q.	73
-	-1877. Proudfoot, Alexander, M.D., ad eundem Montreal,	Q.	
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1874 Rose, Edward	
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1885. Saunders, Rev. Jabez BPembroke,	Q.
1887 Scott, Albert Page Montreal,	0.
1873*Shaw, George BeggMontreal,	Q.
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1876*Sheridan, Terence G	_ Q.
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1881. Simpson, Thomas, M.D., ad eundem Montreal,	Q.
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+1873. Slack, George F., M.R.C.S. Eng West Farnham,	Q.
Gaspé.	Q.
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- 1090 W./N. Smiley Montreal	Q.
+ 1870 Smith, A. Lapthorn, M.D., M.R.C.S., ad eun., Montreal	Q.
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1890. Vidal, C.E. K., Gen. HospitalMontreal,	,
1872. Webber, Richard N	Q.
1871. Wilkins, George, M.D., M.R.C.S. Eng., ad eun Montreal,	Q. Q.
1881. Wilson, Robert H	Q.
1877. Wood, Casey A	Q. Ill.
Tiong-Kong,	.China.

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The following oath will be exacted from the successful candidate before receiving the degree:

OATH.

Ego Doctoratus in Arte Medica titulo jam donandus, sancte coram Deo cordium scrutatore, spondeo, me in omni grati animi officio ergo hanc Universitatem ad extremum vitæ halitum preseveraturum.

Tum porro Artem Medicam, caute, caste, probeque exercitaturum, et quoad potero, omnia, ad ægrotorum corporum salutem conducentia cum fide procuraturum. Quæ, denique, inter medendum visa vel audita sileri conveniat, non sine gravi causa vulgaturum.

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EXAMINATION PAPERS.

SESSION 1889-90.

PRIMARY EXAMINATION.

PHYSIOLOGY.

- 1. Give the minute anatomy of the mucus lining of the intestines, the different glandular and other structures connected therewith, and their functions.
 - 2. Describe the membranes of the Spinal cord.
 - 3. Give short outline of the embryonic membranes.
 - 4. Describe plain non-striated muscle; in what structures is it found?
 - 5. What are the uses of the bile?
 - 6. Give minute anatomy of the kidney.
- 7. Describe the nervous mechanism of urinary secretion, and experimental proof thereof.
- 8. What are the layers of the Blastodermic vesicle, and what tissues are developed from each?

MATERIA MEDICA AND THERAPEUTICS.

- 1. Alcohol. What fermented liquors are officinal? Give their physiological
 - 2. Calomel. Preparations and therapeutics.
 - 3. Chloroform. Preparations, doses, and physiological actions.
- 4. Ergot. Origin, composition, preparations, doses, physiological actions and therapeutics.
 - 5. Hydrochloric Acid. Physiological actions and therapeutics
 - 6. Iron. Therapeutics of tincture of the perchloride.
 - 7. Opium. Symptoms of poisoning, and treatment.
- 8. Rheum Palmatum. Habitat, parts used, properties, composition, preparations, doses, and therapeutics.

ANATOMY.

- I Give the origin, course and relations of the right Common Carotid Artery.
- 2. Describe the ankle-joint, what bones and ligaments enter into its formation?

- 3. The 5th Cranial nerve (Trigeminus); give its origin and course, and how its branches make their exit from the cranium.
- 4. Give the muscles that are attached to the Os Innominatum, also the origin, insertion, and nerve supply of the Adductor Magnus.
- 5. The Stomach, when moderately distended; describe its position, and give its relations.
- 6. Mention the muscles which rotate the head of the thumerus, (a) inwards, (b) outwards, and their nerve supply.
- 7. Follow a morsel of food through the successive parts of the Alimentary canal, and which parts of the canal lie in the right iliac fossa?
- 8. How is the Sacral plexus formed? Where is it found? Which is its largest branch?

CHEMISTRY.

- 1. What do you understand by Allotropy? Name elements that exist in allotropic modifications, pointing out in the case of one of the elements points where the allotropic modification differs from the ordinary form.
- 2. Outline the process and reactions involved in the manufacture of Sulphuric Acid. State the properties of the acid, and explain why it is called bibasic.
- 3. Describe the methods by which Acetic Acid is obtained on the commercial scale. State the characters of the acid, and name any important salts.
- 4. Explain the constitution of the alums, pointing out closely the two groups into which they may be divided.
- 5. Distinguish between phenols and alcohols, and describe the body usually known as phenol, explaining the source from which it is obtained and mode of obtaining it.
- 6. Explain the constitution of compound ethers; and the uses of some of them; also what is meant by saponification.
- 7. Point out the relationship Chloral bears to Ethyl Alcohol. Explain how it may be obtained, with its characters and uses.

FINAL EXAMINATION.

PRACTICE OF MEDICINE.

- 1. Describe a case of Catarrhal Pneumonia. Give the treatment.
 - 2. What are the symptoms of Fibroid Phthisis?
- 3. Give the diagnosis between Hæmoptysis and Hæmatemsis. Give treatment of former.
 - 4. Give the rational and physical signs of Aortic Stenosis.
 - 5. Symptoms and treatment of Chlorosis.
 - 6. Mention the various causes which produce Cirrhosis of Liver.

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SURGERY.

- I. What are the symptoms of Cutaneous Erysipelas, and give the treatment?
- 2. What are the causes of Hydrocele, and give the differential diagnosis between it and Hematocele?
- 3. What are the symptoms of fracture of the Patella, and give the different methods of treatment?
- 4. Describe the different operations for excision of the knee joint, and for what conditions would the operation be performed?
- 5. Describe the Urethra, and give in detail the symptoms of Gleet, with the treatment.
 - 6. Give the treatment for the different varieties of vicious union of bone.

OBSTETRICS.

- 1. Mention the objective signs of the second stage or trimestrium of pregnancy; on which sign would you place greatest confidence?
- 2. On what does the vomiting of pregnancy depend; give treatment; also what line of treatment would you adopt for incoercible vomiting?
- 3. Give the causes of puerperal convulsions and the prophylactic remedial and restorative treatment.
- 4. Mention the different forms of puerperal fevers; describe the simple form of thrombotic excretory puerperal fever?
- 5. Describe Sånger's modification of the Cæsarian section; what points of superiority are claimed for it?
- 6. A pregnant woman, in the latter months of gestation, in her ordinary health, is suddenly seized with pains in the hypogastric region, referred more especially to the fundus or one side of the uterus. This pain is often very severe; shock often to the extent of collapse may ensue. The pain is increased on pressure, quickly sometimes, but sometimes gradually, great distension or bulging of the fundus uteri takes place, and with it loss of regularity of form. A projection or bump is felt. The uterus projects more than before into the epigastric region; it communicates a doughy feel; form of the fœtus is lost at this part. What would be your diagnosis of this condition?

MEDICAL JURISPRUDENCE.

- 1. State briefly the principal rules of medical evidence.
- 2. Mention the various means we have of identifying the living.
- 3. Describe the principal modes of death.
- 4. What occupations render life insurance risks most hazardous?
- 5. How would you decide whether a child was born alive or death?
- 6. How would you decide whether a fatal wound was accidental, suicidal or homicidal?

GYNECOLOGY.

- 1. Mention the most common diseases of the tubes and ovaries, and their causes
- 2. State the dangers in and the objections to the use of pessaries.
- 3. What are the symptoms of uterine fibroids, and what are the principal methods of treating them?
- 4. Describe the various forms of curette; when may they be used, and what precautions are necessary?
 - 5. Mention the causes of dysmenorrhœa.
 - 6. Mention the causes of sterility.

SURGERY.

NELSON GOLD MEDAL.

- 1. Describe the method of repair of bone.
- 2. Give the treatment of Phlegminous Erysipelas, and also the differential diagnosis between it and Cellulitis.
- 3. Give the differential diagnosis between supra-condyloid fracture of the Humerus and dislocation of both bones of the forearm backwards; also give the treatment of the former.
- 4. Colotomy. What are the conditions calling for Colotomy? Which side would you prefer? Describe the lumbar operation in detail, and state the difference between Amussel's and Littre's.
 - 5. Describe the treatment of stricture complicated with fistulæ.
- 6. Give in detail the differential diagnosis between Hydrocele and Scrotal Hernia.

DISEASES OF CHILDREN.

- 1. An infant of six months old: give short directions for its management and diet during the summer months when unable to secure breast milk.
- 2. Give the pathology and symptoms of Tubercular Meningitis, and at what age does the disease most commonly occur?
- 3. Mention the causes of Entero Colitis, and state the treatment you would adopt in the case of a child two years of age.
- 4. Under what circumstances would you advise a mother to discontinue suck-

OPHTHALMOLOGY.

1. In wounds of the eye. What situation of the wound is the most dangerous to the eye itself and the most likely to produce sympathetic trouble in the other eye?

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2. What symptoms would warn you that sympathetic trouble was beginning in the other eye?

- 3. Give the treatment in such cases.
- 4. In cases of Iritis, what should be your chief-object in the treatment?
- 5. What remedies would you use to accomplish this?
- 6. Give the treatment of a case of Catarrhal Conjunctivitis.

PATHOLOGY.

- 1. Dropsy. Give its varieties and causes.
- 2 State the appearance (Macroscopical and Microscopical), seats and causes of Lardacious degeneration.
 - 3. Hypertrophy. Give its varieties and causes.
- 4. Give the Classification of Tumours and the Character of a Myxoma and Adenoma.

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COLLEGE OF PHYSICIANS AND SURGEONS.

OF THE PROVINCE OF QUEBEC.

Programme of Preliminary Examination.

(For 1890--91--92.)

OBLIGATORY SUBJECTS.

- Latin.—Cæsar's Commentaries, Books I., II., III., IV.—Virgil's Æneid, Books I. and II.—The Odes of Horace, Book III, with a sound knowledge of the Grammar of the Language.
- English.—For English-speaking Candidates.—A critical knowledge of one of Shakespeare's Plays, viz.: Richard III, for 1890, Henry IV, Part I for 1891, Henry IV, Part 2 for 1892, with English Grammar, as in Dr. Smith or Mason.

For French-speaking Caudidates.—Translation into French of passages from the first eight Books of Washington Irving's Life of Columbus, with questions of Grammar, Translation into English of extracts from Fénélon's Télémaque.

French.—For French-speaking Candidates.—A critical knowledge of Molière's Le Bourgeois Gentilhomme, Fénélon's Aventures de Télémaque and La Fontaine's Fables, Books I., II., III., with questions of Grammar and Analysis.

For English speaking Candidates.—Translation into English of passages from Fénélon's Télémaque' with questions of Grammar. Translations into French of easy English extracts.

- Belles Letters and Rhetoric.—Principles of the subject as in Haven's Rhetoric, or Boyd's Rhetoric and Literary Criticism. History of the Literature of the age of *Pericles* in *Greece*, of *Augustus* in *Rome*, and of the 17th and 18th centuries of England and France.
- History.—Outlines of the History of Greece and Rome, with particular knowledge of the History of Britain, France and Canada.
- Geography.—A general view, with particular knowledge, of Britain, France and North America.
- Arithmetic.—Must include Vulgar and Decimal Fractions, Simple and Compound Proportion, Interest and Percentages and Square Root.
- Algebra.—Must include Fractions and Simultaneous Equations of the First Degree.
- Geometry.—Euclid, Books I., II., III. and VI., or the portion of plane
 Geometry covered by those Books. Also the measurement of the
 lines, surfaces, and volumes of regular geometrical figures.

Greek.—Xenop Gran

Physics.—Out

N.B.—Candid Candidate detect in using books o

Latin .
History
Geography
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Belles Lett

Geometry
Arithmetic
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Optional S

All Studen are required mencement of registration); ment of the are attended terms as regu

OPTIONAL SUBJECTS.

(The candidate must take one of the three following.)

Greek.—Xenophon's Anabasis, Book I.—Homer's Iliad, Book I, with Greek Grammar.

Physics. - Outlines of the subjects as in Ganot's Physics, translated by Atkinson.

Philosophy.—Elements of Logic as in Jevon's Logic, and Elements of Moral Philosophy, as in Calderwood's Hand-book.

N.B.—Candidates must produce Certificates of good moral character. Any Candidate detected of copying or in conniving at another's copying from him, or in using books or notes, will be immediately dismissed from the room.

TIME AND MARKS ALLOWED FOR EACH SUBJECT.

FIRST DAY.

	FIRST DAY.					
Latin	9 to 11				300	marks.
History	II to 12				100	-966
Geography	. I2 to I				100	66
French					150	66
English	4 to 5½				150	66
Belles Lettres and Rhetori					100	"
	SECOND DAY	7.				
Geometry	8½ to 10				150	"
Arithmetic	10 to 11½				150	• • •
Algebra	11½ io 1	,			150	"
Optional Subject	2½ to 4				150	"
H. H.	I. ASPINWAI I. A. B. VERH I. J. H. PETRY I. C. K. LAFLA	READ I, Es	U, LI Q., M	.A.,	}	Examinets.

ANNOUNCEMENT

OF

SUMMER SESSION, 1890.

All Students desirous of attending the Summer Course of Lectures are required to "register" their names, within one week of the Commencement of the Session, and pay a fee of \$12.00 (which includes registration), payable strictly in advance. Enregistration and payment of the above fee are compulsory whether one or more classes are attended. Students of other Colleges are admitted on the same terms as regular students.

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PHYSICAL DIAGNOSIS.

DR. J. B. McConnell.

In this course the various methods of eliciting the physical signs of disease will be taught, the use of the Stethoscope, and other mechanical aids. The topography of the chest and normal physical signs will be demonstrated on the living subject. Also the use of Electricity and the Ophthalmoscope in the diagnosis of nervous diseases.

GYNÆCOLOGY.

DR. A. L. SMITH.

This course will embrace the Diagnosis and Treatment of Gynæcological cases—by Inspection, Bi-manual palpation, the sound, speculum, local applications, preparation and use of tampons, simple and medicated. The use and abuse of Pessaries.

Practical demonstrations will be given in the application of Apostoli's method of using electricity in Gynæcology.

OBSTETRICS.

DR. H. L. REDDY.

This course will embrace the following subjects, more particularly Puerperal Sceptic Infection, Prophylaxis and treatment. Dystocia causes and treatment, including operative interference. Students will be expected to attend in turn Midwifery cases, and take charge of them and the new-born children during the period of convalescence, under the guidance of the Professor of Obstetrics.

SKIN DISEASES.

Dr. Jack.

This course embraces the diagnosis and treatment of the Skin Diseases usually seen in a large city.

CLINICAL LECTURES—MEDICINE.

DR. F. W. CAMPBELL, DEAN OF THE FACULTY.

From selected cases at the Montreal General Hospital.

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Fee, \$10.

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Fee, \$6.6 All comm W. Campbe Tillerie Ro

CLINICAL LECTURES—SURGERY.

DR. G. E. ARMSTRONG.

From selected cases at the Montreal General Hospital.

EYE AND EAR.

Dr. Proudfoot.

Clinical instruction is given to students. Diagnosis and treatment of the diseases of these organs met with in general practice. Students are instructed in the practical use of the Ophthalmoscope.

MINOR SURGERY.

DR. ROLLO CAMPBELL.

Instruction given in Bandaging and the application of Splints in cases of Fracture, modes of reducing Dislocations, the essentials of Minor Surgery, and the methods of using the different instruments.

SPECIAL COURSE. MICROSCOPIC DIAGNOSIS.

Dr. McConnell.

This course will include instruction in the use of the Microscope as an aid in diagnosis, such as the examination of Urine (Chemical also) sputum, morbid secretions and sections of tumours and other pathological structures; microscopes, reagents, &c., provided.

Fee, \$10.00.

PRACTICAL PHARMACY AND DISPENSING.

DR. A. P. SCOTT.

The course imparts to the student a thoroughly practical knowledge of the art of compounding drugs. Special attention is given to Dispensing, the composition and doses of the British Pharmocopael Préparations.

Students can begin this course any time during the year. Six months' certificate of attendance being required by the College of Physicians and Surgeons.

Fee, \$6.00.

All communications should be addressed to "The Dean," Dr. F. W. Campbell, No. 10 Phillips Place, or to the Registrar, Dr. Geo. Tillerie Ross, No. 62 Beaver Hall Terrace.

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Lectures of Summer Session will begin on April 13th and continue until July, as follows:

Subject.	Place.	Day and hour. Lecturer.			
Physical Diagnosis,	Western Hospital.	Wednesday and Saturday,			
		Dr. J. B. McConnell.			
Gynæcology,	Montreal Dispensary.	Monday, 4 to 5 p.m.			
ï		Dr. A. L. Smith.			
Clinical Obstetrics,	Women's Hospital.	Tuesday and Friday,			
		Dr. H. L. Reddy.			
Skin Diseases,	College Building.	Monday and Thursday, 5 to 6 p.m.			
		Dr. Jack.			
Clinical Lectures, Medicine,	Montreal General Hospital.	Monday and Thursday,			
		Dr. F. W. Campbell, Dean of the Faculty.			
" Surgery		Tuesday and Friday, 12			
		Dr. Armstrong.			
Clinical instruction, Eye and Ear,	Montreal Dispensary.	Monday, Wednesday and Friday, 1 p.m.			
		Dr. Proudfoot.			
Minor Surgery,		Monday and Thursday, 4 p.m.			
		Dr. Rollo Campbell.			
Microscopic Diagnosis,	Laboratory.	Every Thursday, 8 to 11			
		Dr. McConnell.			