

AMERICAN CHURCH OF CANADA
GENERAL SYNOD, ARCHIVES



University of Bishop's College

18th

ANNUAL

ANNOUNCEMENT

OF THE

Faculty of Medicine,
MONTREAL.

SESSION 1888-89.

Montreal:
PRINTED BY JOHN LOVELL & SON.

1888.

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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. KENNEDY, the Registrar, No. 139 Bleury Street.

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

UNIVERSITY
OF
BISHOP'S COLLEGE.

INSTITUTED 1852.

PRESIDENT OF THE CORPORATION AND VISITOR :

THE RIGHT REV. THE LORD BISHOP OF QUEBEC.

VICE PRESIDENT OF THE CORPORATION AND VISITOR :

THE RIGHT REV. THE LORD BISHOP OF MONTREAL.

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Dean of the Faculty of Divinity, the REV. HENRY ROE, D.D.

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“ “ Medicine,—F. W. CAMPBELL, ESQ., M.D.

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DR. SLACK,
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R. N. HALL, ESQ., Q.C., LL.B., M.P. Honorary Counsel.

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.*
- R. A. KENNEDY, M.A., M.D., C.M., Emeritus Professor of Obstetrics and Diseases of Children; Consulting Physician Montreal Dispensary, Physician to the Western Hospital, Registrar, 139 *Bleury Street.*
- J. PERRIGO, A.M., M.D., C.M., M.R.C.S., 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 Materia Medica and Therapeutics and Practical Histology; Physician Western Hospital, and Consulting Physician Montreal Dispensary, 141 *Bleury Street.*
- GEORGE E. ARMSTRONG, C.M., M.D., Professor of Operative Surgery, Physician Western Hospital, 1127 *Dorchester Street.*
- A LAPHORN SMITH, B.A., M.D., M.R.C.S., Eng., Professor Medical Jurisprudence, Lecturer on Gynecology, Consulting Physician Montreal Dispensary, 68 *Beaver Hall Terrace.*
- H. L. REDDY, B.A., M.D., L.R.C.S.E., L.R.C.P.L., Professor of Obstetrics, Physician Accoucheur 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, 62 *Beaver Hall.*
- D. D. GAHERTY, C.M., M.D., Professor of Hygiene, *Notre Dame Street.*
- JOSEPH BEMROSE, F.C.S., Professor of Practical Chemistry, 56 *St. Famille St.*
- A. P. SCOTT, C.M., M.D., L.R.C.P.L., Professor of Anatomy, 143 *Bleury Street.*
- F. M. SPENDLOVE, C.M., M.D., Professor of Pathology, 2719 *St. Catherine Street.*
- F. R. ENGLAND, C.M., M.D., Physician Montreal Dispensary, Professor of Diseases of Children, 529 *Wellington Street.*
- ROLLO CAMPBELL, C.M., M.D., Demonstrator of Anatomy, Physician Montreal Dispensary, 10 *Phillips Place.*

THE
Faculty of Medicine.

OF THE

UNIVERSITY OF BISHOP'S COLLEGE.

The eighteenth session of this Faculty will commence on Tuesday, the second day of October, 1888, and will be continued regularly until the end of March, the usual Christmas vacation intervening.

Having every facility for imparting a thorough practical medical education, this Faculty possesses equal advantages with any other school of medicine in Canada, and in respect of Obstetrics its advantages are in many respects superior.

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

The College building contains three large lecture rooms, several smaller lecture rooms for Practical Chemistry, Histology, etc., and a large, airy, well-lighted dissecting-room 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 has during the past year been supplied with a number of new Microscopes, and also a complete outfit of Bacteriological 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 candidates 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 owner from being examined on the subjects of the Primary-branches and Matriculation. Such candidates are therefore only required to

pass in the subject 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.

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 on 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 is particularly rich in the facilities which it affords for hospital practice—the factories and shipping furnishing a constant and varied supply of surgical cases.

The Western Hospital (50 beds) is attended by a staff of eight physicians, all of whom are members of this Faculty. It is divided into two distinct departments a lying in department, directly under the superintendence of the Professor of Obstetrics, and a gynæcological department for the treatment of diseases peculiar to women. This latter is attended daily by two members of the staff. There is also a daily clinic at 12 a.m. of diseases peculiar to women, which furnishes advantages to students desirous of successfully studying uterine and other diseases peculiar to females.

The Obstetrical Department is entirely under the control of Bishop's College, 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. In addition this is the only special hospital for diseases of women in the Dominion, and gynecological operations are being frequently performed. The large number of successful ovariectomies which have occurred in this Institution has afforded abundant opportunities to witness abdominal surgery. The position of Resident House Surgeon is open to senior students of the College. Operations and Clinical lectures every Saturday at noon.

The Montreal General Hospital (175 beds) is situated within a few minutes' walk of the College; and is visited daily by two physicians and two surgeons, besides an ophthalmic surgeon. 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 Surgeon, affords students facilities for their study. The large number of out patients enables the physicians in attendance to impart instruction, by selecting cases presenting variety of symptoms and points of comparison and contrast. 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. Roddick lecturing on Clinical Surgery, and Dr. Ross on Clinical Medicine. In addition a Clinical lecture is given every Tuesday 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 the lectures.

The Montreal Dispensary, with a staff of six attending physicians and an oculist, has an average daily attendance of about forty-five patients. Being in close proximity to the manufacturing districts of the city, 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 and ear 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.

According to the Medical Act of 1879, in order to register a diploma in Medicine in the Province of Quebec and obtaining 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 the student shall attend four full six months' sessions at College, and of these he is obliged to attend the first session during the first year succeeding his obtaining the certificate of qualification to study. The student before obtaining his Diploma must have been engaged in the study of medicine, for a period of not less than four years after having passed his 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. The degree of B.A. and Matriculants of any University in Her Majesty's Dominion are exempt from this examination. The preliminary examination of the Province of Ontario is accepted by this University. 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.

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.

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

COMPULSORY SUBJECTS: English, French, Latin, Arithmetic, Algebra, Euclid, History, Geography, Belles-lettres.

OPTIONAL SUBJECTS [Candidates can select any one of the following subjects] : Greek, Natural and Moral 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 send to Dr. Pyne, Toronto.

SUGGESTIONS TO STUDENTS.

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, 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, DISSÉCTION, 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, may be 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 examination on all the primary subjects may be admitted to the examinations on Medical Jurisprudence, Pathology and Ophthalmology at the end of their third year.

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' session at Bishop's College, and at the final examination has the highest aggregate number of marks on all the subjects of professional examination.

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 honour 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 Medallist.)

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 unless he has taken Honors in the examination.

TABLE OF FEES.

LECTURES :

Anatomy, two courses required.....	each...	\$12 00
Physiology "	"	12 00
Chemistry "	"	12 00
Materia Medica "	"	12 00
Principles and Practice of Medicine, two courses	"	12 00
Principles and Practice of Surgery, two courses	"	12 00
Obstetrics, two courses.....	"	12 00
Medical Jurisprudence, one course required....	"	10 00
Gynecology, two three months' courses.....	"	6 00
Diseases of Children, two courses.....	"	6 00
Ophthalmology, one 3 months' course required	"	6 00
Pathology, " " ...	"	6 00
Hygiene, " " ...	"	6 00
Botany, " " ...	"	6 00

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. Kennedy.

PRACTICAL ANATOMY, two courses required.....	each...\$10 00
PRACTICAL CHEMISTRY, one course required...	" 12 00
PRACTICAL HISTOLOGY, "	" 16 00
ENREGISTRATION (each Session).....	4 00
DEGREES (C.M., M.D.).....	20 00
REGISTRATION OF DEGREE	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 he has paid the fee for such branch 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 00
" " Medicine " " " "	12 00

Students who can attend the Montreal General Hospital during the summer will find it greatly to their advantage to do so. The smaller number of students then in attendance permits of greater facilities to those attending for acquiring information. Clinical instruction will be given at the Hospital by Professor Campbell.

Dresserships and Clinical clerkships can be obtained by making an early application.

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

Western Hospital. (Lying-in, etc.)

Admission Tickets, six months.	\$8 00
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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 each student must enroll his name and residence 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.

Every candidate for graduation in Medicine and Surgery must give sufficient evidence, by certificates—

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

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

4. That he has attended two six months' courses of Practical Anatomy.

5. That he has 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 he has been engaged for at least six months in compounding medicines at a Hospital, a Dispensary, or with a duly licensed practitioner.

6. That he has 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.

Every candidate for the degree must, on or before the first day of March, deliver to the Dean of the Medical Faculty a declaration, in his own handwriting, that he has completed his twenty-first year of age (or that he will have done so before the day of graduation.).

A statement of his studies, accompanied with proper certificates, and the graduation and registration fee.

LECTURES.

SESSION 1888-9.

PRINCIPLES AND PRACTICE OF MEDICINE.

PROFESSOR CAMPBELL.

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 some reference to the different systems of organs, the diseases which will be separately and fully described. Thus, diseases of the respiratory, digestive, nervous organs, etc., will constitute distinct sections of the course, and, again, the different forms of fever, including the acute febrile diseases of specific character, will form a separate group.

Books Recommended.—Bristowe, Watson, Flint, Aitken, Roberts, Reynolds' System of Medicine.

PRINCIPLES AND PRACTICE OF SURGERY.

PROFESSORS PERRIGO AND ARMSTRONG.

This course of lectures 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.

As heretofore, 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 AND EAR.

PROF. PROUDFOOT.

This course will embrace all the different forms of disease of these organs, special attention being paid to those more commonly met with. Operations will be illustrated on the Cadaver.

OBSTETRICS.

PROFESSOR REDDY.

ANATOMY and Physiology of the Female Reproductive Organs.

GENERATION AND EMBRYOLOGY, PREGNANCY, including Abortion and Premature Labor.

NATURAL LABOR, UNNATURAL LABOR, COMPLEX LABOR.

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.

Books Recommended—Playfair, Lusk, Leishman, Meadows.

PATHOLOGY AND MORBID ANATOMY.

PROFESSOR SPENDLOVE.

The lectures in this course will deal more particularly with the Pathological Histology of the various abnormal states found in the human body. The other departments of Morbid Anatomy will also receive attention. The principles of General Pathology, and the Pathology of special diseased conditions not referred to the Chairs of Practice of Medicine and Surgery, will also be taught.

The organic changes occurring in diseased tissues will be demonstrated by the microscope.

Diagrams, colored plates and black-board drawings will be freely used for further illustration.

Recent specimens and preparations from the College Museum will also be exhibited during these lectures twice a week.

Text-Books.—Green's Pathology and Morbid Anatomy.

MEDICAL JURISPRUDENCE. (Including Toxicology and Psychology.)

PROFESSOR SMITH.

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.—Guy's *Books*, Forensic Medicine; Taylor's Medical Jurisprudence; Blandford on Insanity.

GYNECOLOGY.

PROFESSOR SMITH.

This course of lectures will embrace the various diseases peculiar to women, inherited or acquired, diagnosis and principles of treatment.

Mode of examination, with the use of the various instruments in examinations.

Books Recommended—Emmet, Goodell, Thomas and Barnes.

MATERIA MEDICA AND THERAPEUTICS.

PROFESSOR McCONNELL.

This course of lectures takes into consideration the various drugs and therapeutical agents employed in the treatment of disease.

The most prominent feature of the course will be the consideration of the physiological actions of remedies, so that the student may more intelligently comprehend their therapeutical application, which will receive the fullest attention.

Text-Books.—Garrod, H. C. Wood, Ringer, Brimton, Riddle.

PRACTICAL HISTOLOGY.

PROFESSOR McCONNELL.

This will embrace a course of twenty-five demonstrations on Microscopic Anatomy, Physiology and Pathology.

Students will be shown the different methods of hardening and softening, of staining and injecting the tissues for microscopical investigation, how to make sections, how to mount and preserve the specimens, etc.

Text-Books.—Gibbes, Schafer, Harris and Power.

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 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, Fowne, Bartley 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.

Microscopic specimens will be used to illustrate 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 lectures 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.

PROFESSOR GAHERTY.

The lectures on this subject, the importance and value of which is 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.

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.

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 Room is 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.

No student will be credited with having dissected an extremity until he has passed a satisfactory examination on it before the Demonstrator.

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

PRACTICAL CHEMISTRY.

PROFESSOR, JOSEPH BEMROSE, F.C.S.

Students must provide themselves with a set of apparatus which has been selected by the Lecturer, and may be obtained for the sum of five dollars; also a note book.

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

Books necessary—Attfield.

BOTANY.

PROFESSOR.

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.—Dr. Gray's Structural and Systematic Botany, Bently's Manual of Botany, Balfour, Sachs, Bessey.

SESSION 1887-8.

The total number of matriculated students during the past session was 28. Their names and addresses are as follows :—

Bertrand, F. E.....	Montreal,	Q.
Buchanan, H. M.....	Kemptville,	Ont.
Clayton, D. T.....	New Glasgow,	Q.
Clarke, L. M.....	Kingston, Jamaica,	W. I.
Coote, F.....	Quebec,	Q.
Duclos, A. A.....	Wakefield,	Q.
Edwards, T. J.....	Spanish Town, Jai.,	W. I.
Elliott, C. E.....	Quebec,	Q.
Groulx, V. G.....	Belle Rivière,	Que.
Hennessy, T. C.....	Montreal,	Q.
Hilker, A. E.....	Port Elgin,	Ont.
Hobbs, A. F.....	Montreal,	Q.

Jack, J. M.....	Montreal,	Q.
Judd, D. H.....	Mallorytown,	Ont.
Lauchlan, C. A.....	London,	Eng.
Laurie, J.....	Quebec,	Q.
Mayner, A.....	Jamaica,	W.I.
McLean, J. C.....	Montreal,	Q.
Nichol, T. S.....	Montreal,	Q.
Pickel, F. H.....	Sweetsburgh,	Q.
Smiley, W. N.....	St. Lamberts,	Q.
Spooner, H.....	Highgate,	Vermont.
Tait, G. I. S.....	Kingston, Jamaica,	W. I.
Tanguay, G. B.....	Montreal,	Q.
Tatley, H.....	Montreal,	Q.
Taylor, F.....	Shannonville,	Ont.
Vidal, C. E.....	Toronto,	Ont.
Wood C. R.....	Brockville,	Ont.

EXAMINATIONS.

Botany.—1st Class—C. R. Wood (*Prize*). A. Maynor, J. J. Edwards.

2nd Class—H. Tatley.

Passed—A. Duclos.

Practical Chemistry.—

2nd Class—C. E. Elliott, F. Coote.

Ordinary—W. N. Smiley, F. E. Bertrand, D. H. Judd, J. Laurie.

Practical Anatomy.—Seniors—C. E. Vidal (*Prize*). F. E. Bertrand, J. Laurie,
C. E. Elliott, T. S. Nichol, D. H. Judd, F.
Taylor, J. M. Jack, W. N. Smiley.

Juniors—J. J. Edward (*Prize*).

Anatomy.—1st Class—C. E. Vidal, F. E. Bertrand, C. E. Elliott, C. A. Lauchlan, D. H. Judd, J. Laurie.

2nd Class—W. N. Smiley, H. Spooner.

Passed—J. M. Jack.

Physiology.—1st Class—F. E. Bertrand, S. H. Judd, J. Laurie, F. Coote.

2nd Class—C. E. Elliott, H. Spooner.

Ordinary—W. N. Smiley, G. J. S. Tait, G. B. Tanguay.

Materia Medica, etc.—1st Class—T. S. Nichol, J. Laurie, C. E. Elliott, A.
Mayner, F. E. Bertrand.

2nd Class—F. Coote, J. M. Jack, D. H. Judd.

Ordinary.—F. Taylor, W. N. Smiley, H. Spooner.

Chemistry.—1st Class—F. E. Bertrand, F. Coote, J. Laurie.

2nd Class—C. E. Elliott, H. Spooner, D. H. Judd, W. N. Smiley.

Ordinary.—G. J. S. Tait.

Hygiene.—1st Class—A. Mayner, J. J. Edwards, D. Clayton, C. R. Woods, H.
Tatley.

Ordinary.—A. A. Duclos.

PRIMARY EXAMINATION.

- 1st Class Honours F. E. Bertrand,—“David Scholarship” and C. E. Vidal, J. Laurie, C. E. Elliott.
 2nd Class Honors—T. S. Nichol, D. H. Judd, F. Taylor, J. M. Jack, W. N. Smiley.

FINAL BRANCHES.

- Medical Jurisprudence*.—1st Class.—Jas. M. Jack.
 2nd Class.—C. H. Lauchlan, G. J. Tait.
 Passed—G. B. Tanguay.
Pathology.—1st Class—C. E. Vidal, Jas. M. Jack.
 2nd Class—T. S. Nichols, G. J. Tait.
 Passed—G. B. Tanguay.

The following passed successfully all the subjects of the Final Examination

- F. H. Pickel, “Wood” and “Nelson” Gold Medals.
 L. M. Clark, Chancellor's Prize.
 V. J. Groulx, 1st Class Honors.
 F. Taylor, 2nd “
 S. A. Thomas, “

The Examination for the degree of C.M., M.D., was held March, 23rd and 24th.

The Convocation of the University for conferring degrees in Medicine was held at the Synod Hall, Montreal, on Wednesday, the twenty-eighth day of March, when the degrees of C.M., M.D., were conferred on the aboved named gentlemen.

The *ad eundem* degree of C.M., M.D., was conferred on Dr. T. A. Rodger and H. A. Mignault, assessors at the examinations for the College of Physicians and Surgeons of Quebec.

Dr. Thomas gave the Valedictory Address of the Graduating Class.

The Valedictory Address to the Students on behalf of the Faculty was delivered by Professor Proudfoot.

PRIZES.

The following Prizes were awarded:

- “Wood” Gold Medal..... F. H. Pickel.
 “Robert Nelson” Gold Medal..... F. H. Pickel.

Chancellor's Prize.....	L. M. Clark.
David Scholarship.....	F. E. Bertrand.
Practical Anatomy, Senior Prize.....	C. E. Vidal.
" " Junior " 	J. J. Edwards.
Botany.....	C. R. Wood.

STUDENTS WHO HAVE OBTAINED HONORS IN MEDICINE IN THIS UNIVERSITY.

BALL (C. DEXTER.)	COQUILLETTE (W. E.)
1880. Botany, Prize.	1873 Practical Anatomy, Junior Prize.
Practical Anatomy, Junior Prize.	CURLETT (R. K.)
1884 Final Examination, First Class Honours.	1884 Practical Anatomy, Junior Prize.
BERTRAND (F. E.)	DAVIS (JOHN T.)
1887 Botany, Prize.	1875 Primary Examination, Prize.
1888 David Scholarship.	Final Examination, Prize.
BISHOP, B. A. (HEBER.)	DEMOULPIED (WALTER.)
1889 Primary Examination, Prize.	1881 Special Surgical Examination, "Nelson" Gold Medal.
1882 Final Examination, "Wood" Gold Medal.	PUBUC (GODFROI.)
"Nelson" Gold Medal.	1872 Practical Anatomy, Senior Prize.
BLACKMER (R. C.)	Physiology, Senior Prize.
1882 Practical Anatomy, Junior Prize.	Primary Examination, Prize.
1884 Final Examination, Chancellor's Prize.	EDWARDS, (J. J.)
BRONSTORPH (ERNEST.)	1888 Practical Anatomy, Junior Prize.
1883 Primary Examination, David Scholarship.	ELLIOTT (C. E.)
1884 Final Examination, Wood Gold Medal.	1887 Practical Anatomy, Junior Prize.
Nelson Gold Medal.	ENGLAND (F. R.)
CAMPBELL (R.)	1882 Botany, Prize.
1887 Chancellor's Prize.	1884 Primary Examination, David Scholarship.
CASWELL (J. A.)	1885 "Wood" Gold Medal. "Nelson" Gold Medal.
1883. Final Examination, "Wood" Gold Medal.	FAIRFIELD (W. E.)
CAULEY (JOHN J.)	1884 Botany, Prize.
1876 Anatomy, Special Prize.	1886 Primary Examination, David Scholarship.
1877 Primary Examination, Hon. Mention.	1887 "Wood" Gold Medal.
CHANDLER (HENRY B.)	"Nelson" " "
1877 Botany, Prize.	FOLEY (JAMES LESLIE)
Practical Anatomy, Prize.	1878 Practical Chemistry, Prize.
1878 Primary Examination, Prize.	1880 Final Examination, Prize.
1880 Final Examination, "Wood" Gold Medal.	FRELEIGH (EDGAR O'B.)
CLARK (L. M.)	1881 Practical Anatomy, Junior Prize.
1887 David Scholarship.	GAHERTY (PENIS.)
CLARK (L. M.)	1878 Primary Examination, Prize.
1889 Chancellor's Prize.	1879 Final Examination, "Wood" Gold Medal.
COSTIGAN (ROBERT.)	GODFREY (ROBERT F.)
1882 Practical Anatomy, Junior Prize.	1873 Practical Anatomy, Senior Prize.
Physiology, Junior Prize.	GILL (L. H. U.)
1873 Physiology, Prize.	1879 Practical Anatomy, Senior Prize.
1874 Final Examination, Prize.	

GROULX (V. J.)

1885 Practical Anatomy, Senior Prize.

LATOUR (ANDRE.)

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, "David" Scholarship.

1886 Final Examination, "Wood" Gold Medal, Special Surgical Examination "Nelson" Gold Medal.

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" Gold 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 Examination, "Nelson" Gold Medal.

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.

SMILLIE (NINIAN C.)

1879 Practical Anatomy, Junior Prize.

Botany, Prize.

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 Prize.

VIDAL (C. E.)

1886 Botany, Prize.

Practical Anatomy, Junior Prize.

1888 Senior Prize.

WILSON (ROBERT H.)

1881 Final Examination, Prize.

WOOD (CASEY A.)

1876 Primary Examination, Prize.

1877 Final Examination, Prize.

WOODS (C. R.)

1888 Botany, Prize.

YOUNG (WILLIAM.)

1875 Practical Anatomy, Junior Prize.

1877 Primary Examination, Prize.

1878 Final Examination, Prize.

NAMES AND ADDRESSES OF GRADUATES IN MEDICINE IN THIS UNIVERSITY.

1878..	*Ansell, Aaron	Falmouth,	West Indies.
1879..	Armstrong, George E., <i>ad eundem</i>	Montreal,	Q.
1882..	Balcom, G. A.		U.S.
1884..	Ball, Charles Dexter		U.S.
1875..	Benoit, Frederick	Mattawa,	O.
1877..	Baynes, D., M.A., L.R.C.P., Edin., <i>ad eundem</i>	London,	Eng.
1882..	Bishop, Heber, B.A., " <i>Nelson</i> " and " <i>Wood</i> "		
	<i>Gold Medals</i>	Boston,	U.S.
1877..	*Boyd, Robert Hamilton	Ogdensburg,	U.S.
1878..	Belle, Charles Raphael		U.S.
1883..	Bell, W. K., <i>ad eundem</i>	New Edinburgh,	Ont.
1882..	Bell, W. D. M.	Bear Brook,	Ont.
1884..	Blackmer, Rollin Clinton	Gladus, St. Louis,	Mo.
1879..	Brodie, J., <i>ad eundem</i>	Honolulu, S'dwich Isl'ds.	
1884..	*Bronstorph, Ernest Ebenezer	Kingston, Jamaica,	W.I.
1881..	Cameron, J. C., M.D., M.R.C.P.I., <i>ad eundem</i>	Montreal,	Q.
1882..	Cameron, J. W.	Brasher Falls,	U.S.
1871..	Campbell, F. W., L.R.C.P., Lond., <i>ad eundem</i>	Montreal,	Q.
1887..	Campbell, Rollo	Montreal,	Q.
1883..	Caswell, James Albert, <i>Wood Gold Medal</i>	Hampstead	N.B.
1880..	Chandler, Henry B.	Boston,	U.S.
1888..	Clark, L. M., <i>Chancellor's Prize</i>	Kingston, Jamaica,	W. I.
1879..	Comeau, Charles E. D.	St. Pie de Guse,	Q.
1874..	Costigan, Robert	Montreal,	Q.
1872..	Cunningham, Henry S.	Indianapolis, Ind.,	U.S.
1877..	*Curtis, Horatio N.	Dunham,	Q.
1871..	*David, A. H., M.D., L.R.C.S.E., <i>ad eundem</i>	Montreal,	Q.
1875..	*Davis, J. T.	Amsterdam, Brit. Guiana.	
1881..	De Mouilpied, Walter, <i>Nelson Gold Medal</i>	Hemmingford,	Q.
1872..	Desilets, Phillip A.	St. Grégoire,	Q.
1884..	Drummond, William Henry	Montreal,	Q.
1873..	Dubuc, Godfroi	Sutton Flats,	Q.
1880..	Dubé, Philip	Quebec,	Q.
1874..	Duclos, E. A.	St. Pie,	Q.
1874..	Eneas, Jeremiae	Georgetown, Brit. Guina.	
1885..	England, Frank R., <i>Wood and Nelson Gold Medals</i>	Montreal,	Q.
1887..	Fairfield, Wm. E., <i>Wood and Nelson Gold Medals</i>	Wequiock,	Wis., U.S.
1880..	Foley, Leslie J.	Boston, Mass.	U.S.
1873..	Fontaine, Isaac	St. Barnabie,	Q.
1886..	Freleigh, Edgar O'B.	Still Water,	Wis., U.S.
1875..	Fuller, William, M.D., <i>ad eundem</i>	Grand Rapids,	U.S.
1878..	*Fuller, Herbert Cooper	Grand Rapids,	U.S.
1871..	Gardner, William, M.D., <i>ad eundem</i>	Montreal,	Q.
1879..	Gaherty, Dennis B., <i>Wood Gold Medalist</i>	Montreal,	Q.
1879..	Gernon, George Olivier	St. Benoit,	Q.
1879..	Gale George Goldworthy	Quebec,	Q.
1882..	Gibson, J. B., <i>ad eundem</i>	Cowansville,	Q.
1880..	Gill, Louis Henry Ulric	Drummondville,	Q.
1885..	Gillard, Clarence R., M.R.C.S., L.S.A.	Jamaica,	W.I.
1871..	Godfrey, Robert T., M.D., <i>ad eundem</i>	Montreal,	Q.
1873..	*Godfrey, Robert Frederick	Montreal,	Q.
1884..	Gore, John Flint	Stanstead,	Q.

*Dead.

1877..	Gravelly, Edward A	Cornwall,	Ont.
1888..	Groulx, V. J.	Belle Riviere,	Que.
1874..	Hart, David A	Bedford,	Q.
1877..	*Hayes, Thomas Edward	Montreal,	Q.
1871..	Hingston, Wm H., M.D., L.R.C.P.E., <i>ad eundem</i>	Montreal,	Q.
1874..	Hunter, William M	Ottawa,	O.
1879..	Jenkins, James Theodore	Riverside,	Cal.
1879..	Kannon, Matthew Mark	Los Angeles,	Cal.
1871..	Kennedy, R. A., M.D., <i>ad eundem</i>	Montreal,	Q.
1873..	*Kollymer, A. H., M.D., <i>ad eundem</i>	Montreal,	Q.
1878..	Kerry, Anthony	Montreal,	Q.
1880..	Labrie, Edmond	Point Levis,	Q.
1874..	Lafontaine, Charles	Chambly,	Q.
1884..	Lafontaine, Charles Henry	Chambly,	Q.
1872..	Lanouette, Joseph E. A	Murchison,	N.H.
1872..	Latour, André A	Montreal,	Q.
1873..	Lawrence, Frederick Ch	Kerville, Texas,	U.S.
1874..	Lemieux, Israel	Crookston, Mich.,	U.S.
1871..	Leprohon, J. L., M.D., <i>ad eundem</i>	Montreal,	Q.
1879..	Leprohon, Rodolphe Edward Connolly	Montreal,	Q.
1886..	Longeway, Albert F., <i>Wood and Nelson Gold</i>		
	<i>Medals</i>	Great Falls, Mon.,	U.S.
1878..	MacDonald, Joseph William Dugald	Manchester, N. H.,	U.S.
1873..	Macdonald, William	Montreal,	Q.
1874..	MacKay, John M	Quebec,	Q.
1874..	MacKay, William Albert	Portage du Fort,	Q.
1871..	McConnell, J. B., M.D., <i>ad eundem</i>	Montreal,	Q.
1878..	McDuffie, John W	Stanstead,	Q.
1881..	McGillis, William C	Chicago,	U.S.
1877..	McLeod, John		Q.
1879..	Marshall, Charles	Huntingdon,	Q.
1888..	Mignault, H. A., M.D., C.M., <i>ad eundem</i>	St. Denis,	Q.
1883..	Minckler, Philo E	Kansas City,	U.S.
1878..	Mitchell, Homer Elihu, <i>Wood Gold Medal</i>	Stanbridge Station,	Q.
1872..	Nelson, Wolfred D. E	New York,	U.S.
1879..	*Nelson, George Washington	Panama,	U.S.
1886..	Nichol, William G	Montreal,	Q.
1884..	Ogilvie, James, F.R.C.S.E., etc	Kingston, Jamaica,	W.I.
1885..	Parent, Charles E	Waterloo,	Q.
1884..	Patterson, William	Montreal,	Q.
1886..	Patton, Angus, O	Caughnawaga,	Q.
1873..	Peltier, Gaspard U	Cohoes, N.Y.,	U.S.
1873..	Perrigo, James, M.D., M.R.C.S., <i>ad eundem</i>	Montreal,	Q.
1887..	Phelan, A E	California,	U.S.
1888..	Pickel, F. H., <i>Wood and Nelson Gold Medal</i>	Sweetsbnrg,	Q.
1875..	Pidgeon, Joseph A	Perce, Gaspé,	Q.
1882..	Prendergast, W	Montreal,	Q.
1877..	Proudfoot, Alexander, M.D., <i>ad eundem</i>	Montreal,	Q.
1881..	Quinones, Eleuterie	Porto Rico,	W.I.
1884..	Riopel, Rev. Solomon, M.A.	Valcartier,	Q.
1871..	Robitaille, Hon. Theodore, M.D., <i>ad eundem</i>	Quebec,	Q.
1873..	Robitaille, Edmond, M.D., <i>ad eundem</i>	Montreal,	Q.
1888..	Rodger, T. A., M.D., C M., <i>ad eundem</i>	Montreal,	Q.

*Dead.

1887..	Rohler, J. M.	New Amsterdam, British Guiana.
1874..	Rose, Edward	St. Anicet, Q.
1878..	Sabourin, Elzear	St. Urbain, Q.
1885..	Saunders, Rev. Jabez B.	Montreal, Q.
1887..	Scott, Albert Page	Montreal, Q.
1873..	*Shaw, George Begg	Montreal, Q.
1874..	Shee, Patrick Arthur	Inverness, Q.
1876..	*Sheridan, Terence G.	Gaspé Basin, Q.
1878..	Sheridan, John	Montreal, Q.
1881..	Simpson, Thomas, M.D., <i>ad eundem</i>	Montreal, Q.
1883..	Sirois, Euchariste	Three Rivers, Mass., U.S.
1873..	Slack, George F., M.R.C.S., Eng	West Farnham, Q.
1881..	Smilie, N. C., <i>Chancellor's Prize</i>	Gaspé, Q.
1874..	St. Germain, Valmore	West Warren, Mass., U.S.
1876..	Smith, A. Laphorn M.D., M.R.C.S., <i>ad eun.</i>	Montreal, Q.
1881..	Spendlove, Frank M. R., <i>Wood Gold Medal</i>	Montreal, Q.
1882..	Stevens, A. D., <i>ad eundem</i>	Dunham, Q.
1871..	Tabb, S. E., M.D., <i>an eundem</i>	Sherbrooke, Q.
1888..	Taylor, F.	Shannonville, Ont.
1880..	Tetrault, Francis Joseph	Orange, N.J., U.S.
1888..	Thomas, S. A.	Escanaba Mich. U.S.
1871..	Trenholme, E. H., M.D., <i>ad eundem</i>	Montreal, Q.
1874..	Vennor, Victor John A.	Campbelltown, N.B.
1872..	Webber, Richard N.	Richmond, Q.
1871..	Wilkins, George, M.D., M.R.C.S., Eng., <i>adeun.</i>	Montreal, Q.
1881..	Wilson Robert H.	Montreal, Q.
1877..	Wood, Casey A.	Montreal, Q.
1878..	Young, William.	Hong-Kong, China.

*Dead.

The following oath will be exacted from the successful candidate before receiving his 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.

Ita præsens spondenti adsit Numen.

EXAMINATION PAPERS.

SESSION 1887-8.

PRIMARY EXAMINATION.

BOTANY.

1. Describe vegetable protoplasm, its composition, tests, uses and movements.
2. Describe fully the various tissue systems and their respective functions.
3. Name the varieties of buds and methods of vernalion.
4. Give the classification of leaves and their functions.
5. What are the most important elements of food in plants? How are they obtained and diffused?
6. What are the rules for the nomenclature of plants? How are the names for Genera, Species, Varieties and Hybrids obtained and arranged?
7. Describe the various orders of Bacteria and their methods of reproduction.
8. Define the terms Cleistogamy, Perianth, Androecium, Gamophyllus, Exocarp, Spatle, Rhizome, Phyllocladia.

HYGIENE.

1. Describe the usual method of determining amount of CO_2 in air; (a) state highest quantity allowable in air without rendering it deleterious for respiration; (b) what amount of fresh air and space should be supplied to patients in hospitals?
2. Give the functions of the various constituents of Food, and describe the effects on the system of an impure milk supply.
3. Describe the principal methods employed for the renewal of sewage. Give merits and disadvantages of each system.
4. What precautions are to be taken for the prevention of infectious diseases, as, for instance, diphtheria and enteric fever.

ANATOMY.

1. Name the bones which enter into the formation of the orbit.
2. Give the boundaries of the 4th ventricle of the brain; with what does it communicate, and by what means?
3. Name the muscles of the anterior brachial region, and give their nerve supply.
4. Give the origin, course and distribution of the Facial nerve (portio dura).

5. The Pelvic cavity, (a) its contents, (b) the relations of a virgin uterus, (c) ligaments of the uterus, also its arterial and nerve supply.

6. Give the branches and the relations of the Femoral artery.

7. The Diaphragm, its attachments, relations, actions and nerve supply; the openings and what passes through each.

8. Mention the nerves that are concerned in the formation of the Brachial plexus, and from what part of the plexus is the External Anterior Thoracic branch given off.

PHYSIOLOGY.

1. Skeletal Muscle: (a) Histology. (b) Nerve supply. (c) Principle cause of loss of irritability.

2. The Heart: (a) Variety of muscle fibre (b), its peculiarity, (c) vascular supply, (d) nerve supply.

3. Explain the difference between pepsins and peptones. What agents convert pepsins into peptones? Explain the nervous mechanism of their secretion.

4. What is the difference between arterial and venous blood?

5. What is a dicrotic pulse? Explain its production and clinical significance.

6. Give the different modes of termination of medullated nerves in the (a) skin, (b) mucous membranes, (c) and muscles.

7. Give the anatomy of the spinal cord.

8. Urine: Colour.—sp. gr. chem. reaction—amount of urine daily, colouring matter—amount of urea secreted daily, and tests for albumen and sugar.

MATERIA MEDICA AND THERAPEUTICS.

1. Name the preparations in the Pharmacopœia containing opium, stating their doses.

2. Give the Pharmacology of Morphine.

3. State the purposes for which cathartics are employed therapeutically; and give the varieties, effects and uses of aloes.

4. Name the officinal preparations of uncombined Mercury, and give the therapeutics and preparations of Hydrarguri Subchloridi.

5. Iodoform, give its actions and uses.

6. In what abnormal conditions are antacids prescribed; state the effects of Acids and Alkalies on the secretions of the stomach, administered before or after meals.

7. Senapis,—give its origin, constituents, actions, uses and preparations.

8. Give the Pharmacology of Arsenious Acid.

CHEMISTRY.

1. Explain the reactions concerned in the manufacture of Sulphuric Acid.
2. Explain the following terms: *Basic Salt*, *Atomicity*, *Radical Saturated Compound* Isomerism.
3. Name the members of the Nitrogen group of elements, pointing out resemblances.
4. Mode of preparation, properties, uses and means of detecting arsenious Oxide or Prussic Acid.
5. What is dialysed iron, its properties and uses?
6. What is typical alum, and what the relationship thereto of Ammonio Alum and of Chrome Alum.
7. Distinguish between Alcohols and Phenols, describing preparation and properties of ordinary phenol.
8. What relationship does Aniline bear to Benzene, how is it obtained and what its importance?

FINAL EXAMINATION.

PRACTICE OF MEDICINE.

1. Give symptoms and treatment of Delirium Tremens.
2. Give symptoms, differential diagnosis and treatment of Laryngismus Stridulus.
3. Give the symptoms of Typhoid Fever, and *post mortem* lesions in the disease.
4. Give the meaning of the following terms (1) Thrombus, (2) Thrombosis, (3) Embolus, (4) Embolism.
5. Give the symptoms, theory of formation, and treatment of Biliary Calculi.
6. Give the treatment for *Tænia Solium*, and for *Ascaris Lumbricoides*.

SURGERY.

1. Give the different classifications of Fractures, and give the treatment of Compound fractures.
2. How would you treat a fracture of the neck of the Humerus?
3. Describe the operation for excision of the shoulder joint.
4. Under what conditions would you perform Lithotomy, Lithotrity, and the supra-pubic operation?
5. What are the symptoms of Phlegmonous erysipelas, and give the differential diagnosis between it and cellulitis?
6. How would you treat anal fissure.

OBSTETRICS.

1. Give the diameters of the Pelvis? If the conjugate of the Brim measures only three inches, what operation would you perform? Mention the points of obstetric importance connected with the Sacrum and Pubes.
2. Describe the duties of an accoucheur in the 2nd and 3rd stages of natural labour?
3. Describe the treatment of a simple shoulder presentation.
4. What are the indications of albuminuria during pregnancy; to what serious results may this condition give rise to at the time of labour? Give the prophylactic treatment, and when these serious results do occur how they are best treated?
5. Give the points of diagnosis between a face and a breech presentation; between a shoulder and a breech; and between a foot and a hand?
6. Define a tedious labour? When due to uterine inertia what treatment would you pursue?

MEDICAL JURISPRUDENCE.

1. Describe the various signs of death.
2. How would you ascertain whether a child found dead had been born alive or not?
3. What would be your treatment if summoned to attend a person who had been drowned a few minutes previously, and who had just been recovered from the water.
4. Describe the various degrees of burns, how would you know whether a burn has been inflicted before or after death; and when death ensues what may have been the immediate cause of death?
5. What are the symptoms and treatment of poisoning by concentrated lye?
6. What are the principal causes of insanity, and what is the best treatment?

NELSON MEDAL EXAMINATION.

1. Give the differential diagnosis between supra-condyloid fracture of the Humerus and dislocation of both bones of the fore-arm backwards.
2. What are the conditions that necessitate Colotomy and describe Amussal's operation.
3. Describe the pathological conditions of the bladder from long retention of a slave.
4. Give the symptoms of extra-Capsular fracture of the Femur.
5. Describe the process of formation of new bone after a fracture.
6. Give the treatment of imperforate anus.

COLLEGE OF PHYSICIANS AND SURGEONS

OF THE PROVINCE OF QUEBEC

Programme of Preliminary Examination.

(For 1888 and 1889.)

OBLIGATORY SUBJECTS.

Latin.—Cæsar's *Commentaries*, Books I., II., III., IV.—Virgil's *Æneid*, Books I. and II.—The *Odes* of Horace, Book III.

English.—Sprague's "*Six Selections from Washington Irving's Sketch Book.*"
—Shakespeare's "*Henry V.*," for 1888, and "*Coriolanus*" for 1889.

French.—Fénélon's "*Aventures de Télémaque.*"—Molière's "*Le Bourgeois Gentilhomme*," for 1888 ; and La Fontaine's "*Fables*," Books I., II , III. for 1889.

Belles Lettres and Rhetoric.—*Principles* of the subject. History of the Literature of the age of *Pericles* in *Greece*, of *Augustus* in *Rome*, of *Elizabeth* in *England*, of *Louis XIV.* in *France*, and of the 18th Century of both countries.

History.—*Outlines* of the History of *Greece* and *Rome*, with particular knowledge of the History of *England*, *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., IV., 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.

OPTIONAL SUBJECTS.

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

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

Physics.—*Outlines* of the subject as in *Ganet's Physics*, translated by *Atkinson*.

Philosophy.—*Elements* of *Logic* and of *Moral Philosophy*, as in *Jevon's Logic*, and *Calderwood's Handbook of Moral Philosophy*.

N.B.—A sound knowledge of the Grammar of the above Languages will be required. Failure in *Latin* or in *Arithmetic*, or in the *Mother Tongue*, may involve rejection of the Candidate. French-speaking Candidates may omit *Shakespeare*, but will be expected to translate into French passages from *Washington Irving*, and answer questions of grammar and parsing. They will require to have a critical knowledge of the French Works above named. Similarly, English-speaking Candidates may omit *Molière* and *La Fontaine*, but will be expected to translate into English passages from the second half of "*Télémaque*," and answer questions of grammar and parsing. They will be required to have a critical knowledge, grammatical and literary, of the Plays of *Shakespeare* above named.

Bad writing will be visited with a deduction of 5 per cent. from the marks gained. Any Candidate detected in 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.

Latin.....	2	hours.	300	marks.	Geography...	1	hours.	100	marks.
English.....	1½	"	150	"	Arithmetic...	1½	"	150	"
French.....	1½	"	150	"	Algebra.....	1½	"	150	"
Belles-Lettres					Geometry....	1½	"	150	"
and Rhe-					Greek.....	1½	"	150	"
toric.....	1	"	100	"	Physics.....	1½	"	150	"
History.....	1	"	100	"	Philosophy ..	1½	"	150	"

Marks attainable. 1500

H. ASPINWALL HOWE, LL.D.,	} <i>Examiners.</i>
H. A. B. VERREAU, LL.D.,	
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