THE GALENDAR

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The University of

KING'S COLLEGE,

WINDSOR, NOVA SCOTIA.

[Founded A.D., 1790.]

1890-91.



Published under the direction of the Board of Governors

1890.

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UDIVERSITY GALENDAR

FOR THE

ACADEMICAL YEAR 1890-91.

Mar. 12.

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Terminal Examinations.

Lent Term ends.

OCTOBER.

Michaelmas Term begins.

Matriculation and St.

Meeting of College Board. Welsford Commemoration.

Oct.

	0.	Scholarship Examinations begin.			APRIL.
	9.	Meeting of Governors at Windsor.	Apri	1 6.	
				7.	
		NOVEMBER.			
Nov	. 1. 13.				MAY.
		DECEMBER,	May		Ascension Day. No Lec- tures.
Dec.	11. to	Meeting of Governors at		14.	Halifax,
		Terminal Examinations.		18.	Whit Monday. No Lectures.
	22.	Michaelmas Term ends.		24.	Queen's Birthday. No Lec- tures.
1891.		JANUARY.	i		
Jan.	8.	Meeting of Governors at Halifax.	i,		JUNE,
	10.	Lent Term begins.	June		Prize Essays to be given in.
.	12.	Meeting of College Board.		10.	Essays for M.A. Degree to be given in.
9-		FEBRUARY.		9,	Degree Examinations.
Feb.				to	Theological "
reb.	11. 12.			18.) Terminal "
	12.	Meeting of Governors at Windsor.		19.	Matriculation "
		Windsor.		24.	Annual Meeting of Alumni and meeting of Governors at Windsor.
Mar,	12.	Meeting of Governors at Halifax.		25.	Encænia. Easter Term ends. Close of Academical year.

INTRODUCTION.

King's College was founded A.D., 1789, by an act of the Provincial Legislature, chiefly through the exertions of the Right Reverend Charles Inglis, D.D., first Bishop of Nova Scotia. For this foundation funds were granted by the Provincial Legislature, and subsequently by the British Government.

By the Royal Charter granted in 1802, all the privileges of a University were conferred on King's College, which thus became the first University of British origin established in Canada.

A Provincial Act incorporating the Governors of King's College and annulling the Act of 1789, was passed April 4th, 1853. It provides that the Royal Charter of Incorporation shall not be affected by it further than is necessary to give effect to its own enactments.

The Patron of the University is the Archbishop of Canterbury, to whose approval "all Statutes, Rules and Ordinances" of the Board of Governors are subject by resolution of the Board of Governors recorded in the Statutes of the University.

King's College is open to students of all denominations, and imposes no religious test either on entrance or on graduation in any faculty, excepting that of Divinity.

The University confers degrees in Arts, Divinity, Law, Engineering and Science. The School of Engineering was added in 1871.

Candidates for matriculation may now be examined at distant centres, under special regulations, which will be found in the Calendar.

The aggregate outlay necessary for the three years' residence and study qualifying for a degree will of course depend much upon the tastes and economy of the student, but may be estimated at about \$150 to \$200 per year. The mere money payment demanded need never, however, exclude a candidate really prepared to benefit by the course of instruction offered, inasmuch as many benefactors of the University possess the right of nomination. Each nominee is exempt from the payment of

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The Faculty, Divinity Smith, I Martin M

A tea added to maps, ch added to September yearly fees, amounting to \$90 for the three years' course, besides the fee for a B. A. degree. There being some forty certificates conferring this privilege, it is easy for students to obtain it. If a scholarship is held besides, nearly the whole cost of education will be covered. The Calendar supplies all necessary information with regard to these nominations.

A general statement of the financial condition of the University is appended.

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The Examiners for the past Academical year, outside the Faculty, were as follows: Classics, Rev. Canon Partridge, D. D. Divinity, Rev. R. D. Bambrick, M. A. Hebrew, Rev. Archdeacon Smith, D. D. Mathematics and Engineering, Col. O'Brien, R. E. Martin Murphy, Esq., D. Sc. Science, H. Y. Hind, Esq., D. C. L'

A teacher of vocal and instrumental music has been recently added to the staff of instructors in the Collegiate School. New maps, charts and apparatus for scientific instruction will be added to the equipment before the opening of the School in September, 1889.

UNIVERSITY

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→ KIRG'S GOLLEGE, K

WINDSOR, N. S.

Incorporated 1789.

By Act of Parliament, as "King's College of Nova Scotia," in accordance with the recommendation of the House of Assembly, November, 1787.

Incorporated 1802,

By Royal Charter granted by His Majesty King George III.

PATRON:

HIS GRACE THE ARCHBISHOP OF CANTERBURY.

BOARD OF GOVERNORS, 1890-91:

(Ex officio.)

THE RIGHT REV. THE LORD BISHOP OF NOVA SCOTIA,

Visitor and President of the Board.

THE MOST REV. JOHN MEDLEY, D.D., Lord Bishop of Fredericton and Metropolitan.

Members

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Appoint

Appointe

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REV. C. E. WILLETS, M.A., D.C.L.
HON. SENATOR ALMON, M.D.
HENRY YOULE HIND, ESQ., M.A., D.C.L.
REV. JOHN AMBROSE, D.C.L.
N. W. WHITE, ESQ., Q.C.
W. C. SILVER, ESQ.
HON. L. E. BAKER, M.L.C.
REV. CANON BRIGSTOCKE, D.D.
REV. C. BOWMAN, D.D.
C. WILCOX, ESQ.
C. E. A. SIMONDS, ESQ., B.C.L.
J. Y. PAYZANT, ESQ.

Appointed by the Diocesan Synod of Nova Scotia:

REV. CANON PARTRIDGE, D.D. DAVID H. MUIR, ESQ., M.D.

in

Appointed by the Diocesan Synod of Fredericton:

REV. J. ROY CAMPBELL, B. D. R. T. CLINCH, Esq.

Treasurer:

J. Y. PAYZANT, Esq.

Secretary:

R. J. WILSON, Esq.

COURSE OF STUDY.

The object aimed at in the Arts Course is to impart a good general education, while every facility is afforded for the prosecution of special studies. Accordingly every matriculated student, except under peculiar circumstances to be approved of by the College Board, is required to attend the Lectures of all the Professors until he has passed his Responsions. After this he is at liberty to select three or more of the subjects lectured on to form the subject of his B. A. Examination. If the student be desirous of taking Honours at his B. A. Examination he can do so in any one or more of the subjects lectured on after passing the ordinary Examination. The precise regulations will be found under the head of Examinations.

There are at present in the University five Schools open to matriculated students:—

I. The School of Arts.
II. " " Divinity.
III. " " Engineering.
IV. " " Science.
V. " " Civil Law.

Students who do not intend proceeding to a degree may attend the Lectures of any of the Professors, subject to the usual regulations, and can obtain from the Registrar certificates of examinations passed.

The course of Engineering is framed with a view of giving the student a sound and thorough training in Mathematics, pure and applied; a comprehensive knowledge of Engineering and applied Science, together with such practical experience in work connected with the profession of a Civil Engineer as it is within the scope of the University to afford.

Numerous Scholarships, Prizes, and Honorary Distinctions are open to be competed for by students in the several faculties, the principal of these being the following:—

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Fellow G.

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FACULTY.

President of the College.
REV. C. E. WILLETS, M.A., D.C.L.

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PROFESSOR VROOM, B.D.

Professor of Classics.
REV. C. E. WILLETS, M.A., D.C.L.

Fellow and Professor of Mathematics, Natural Philosophy, and Engineering.
W. R. BUTLER, M. Eng.

Fellow and Professor of Chemistry, Geology, and Mining. G. T. Kennedy, Esq., M.A., B.A.Sc., D.Sc., F.G.S.

Professor of English Literature, Economics, and History. C. D. ROBERTS, Esq., M.A.

Professor of Modern Languages. H. P. Jones, Esq., M. A., Ph. D.

Professor of Divinity.
REV. F. W. VROOM, B.D.

Tutor in Science. W. F. CAMPBELL, Esq., B. Eng.

Proctor.
Professor Jones.

Bursar.
PROFESSOR BUTLER.

Librarian and Scientific Curator.
PROFESSOR KENNEDY.

FACULTY OF DIVINITY.

Professor of Divinity. REV. F. W. VROOM, B.D.

Lecturer in Canon Law and Ecclesiastical Polity. THE REV. CANON PARTRIDGE, D.D.

> Lecturer in Apologetics. REV. G. HASLAM, M. A.

Lecturer in Old Testament Exegesis. THE VEN. ARCHDEACON SMITH, D.D.

FACULTY OF CIVIL LAW.

THE REV. THE PRESIDENT, D.C.L. (ex officio.) HON. MR. JUSTICE TOWNSHEND, B.C.L. Hon. S. L. Shannon, D.C.L. I. ALLAN JACK, Esq., D.C.L.

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EXTRACTS FROM THE STATUTES.

Undergraduates shall not ordinarily be considered to have kept a term, otherwise than by a residence from the first to the last day. But with the written permission of the President, any term may be kept by a residence of not less than fifty-six days.

Residence shall be kept by attendance in chapel and at the appointed lectures. Undergraduates shall not quit College without leave from the President, and shall wait upon him immediately after their return to it.

The immediate government of the College shall be vested in the President, Fellows, and other resident officers thereof. The President may convene a meeting whenever he may think proper or when requested by two members of the Board. This Board shall decide upon all cases of irregularity and violation of rules which the respective officers are not authorized to punish at their own discretion, provided that in case of any sentence of banishment for more than one term, or of expulsion, an appeal may be made to the Governors, but the infliction of the punishment shall not be suspended pending such appeal. All applications for testimonials are to be referred to this Board.

Exercises in writing may be enjoined as a punishment by any professor or tutor. The punishments to be inflicted by the College Board, are: confinement to rooms or college; detention after the end of the term; banishment from the University for a time or entirely; and suspension or removal from office with forfeiture of privileges and emoluments. Any member of the University refusing to submit to lawful punishment shall be expelled; and every member expelled, for whatever cause, shall be deprived de jure and de facto, of every office, place, salary, emolument or privilege that he may have enjoyed or been entitled to in the University or College.

No member of the University shall be guilty of immoral or ungentlemanly conduct, or shall hold, maintain or teach any principles contrary to the Christian faith, or to good morals, or subversive of the British Constitution. Juniors shall pay proper respect to seniors, and especially to those in authority in the University as heretofore.

The academical habits shall be the same as those which are worn in the University of Oxford, and no undergraduate shall resort to any inn, tavern, or public house, except for some special cause to be approved by the President, or shall spend his time in the streets of the town. Any member of the University who shall disobey the Proctor in the performance of his office, who shall refuse to go home when required by him, or who shall be guilty of disrespectful language or behaviour to him, shall be liable to expulsion.

Any student residing in College during vacation, can only do so as a favor, for which he must have the written permission of the President, and the President and Board of Discipline shall exercised by him or them according to the provisions of the preceding sections.

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STUDENTS.

There are six classes of students admissible to the College:-

- 1.—Matriculated Students in Arts.
- 2.—Matriculated Students in Engineering.
- 3.—Matriculated Students in Divinity.
- 4.—Matriculated Students in Science.
- 5.—Civil Law.

6.—Elective Students: who desire to attend during an Academical Year, or Term, one, two, or more courses of Lectures.

MATRICULATION IN ARTS.

Every candidate for Matriculation must lodge with the President of the College before the day of Examination a certificate of good moral conduct extending over a period of not less than eighteen months immediately preceding. In the case of candidates from a boarding school a certificate from the Head Master will suffice, but those candidates who have attended a dey school must in addition produce a certificate of good moral character from the minister of the church they have attended.

Every student presenting himself for Matriculation in the School of Arts shall be required to pass an examination in the following subjects:—

I.-Classics.

THE GREEK AND LATIN LANGUAGES.

One Greek and two Latin books, to be selected and published by the College Board one year in advance. Latin prose composition.

Note.—By a "book" shall be meant one division of an author's work. For example, one Book of Homer's Odyssey shall mean one book out of the twenty-four into which the poem is divided.

II.—Mathematics.

ARITHMETIC.—The ordinary Rules of Arithmetic; Vulgar and Decimal Fractions; Proportion; Simple Interest.

ALGEBRA. - Addition, Subtraction, Multiplication and Division of Algebraical quantities, together with easy Equations, of a degree not higher than the first, involving not more than one

GEOMETRY.—The first two books of Euclid.

III.—The English Language.

Orthography; Writing from Dictation; Grammar and Analysis; Outlines of English and Canadian History; General Geography;

IV.—The French or the German Language.

(At the option of the candidate.)

One passage from some author for translation into English. The College Board to select the work and publish the name one

Candidates shall not be approved of by the Examiners unless they pass in three of the above subjects, two of which shall be

Subjects for 1890-91:

*Xenophon: Anabasis, Book III.

*Virgil: Eneid, Book I., and Casar, Book III.

*Latin Composition:—Arnold's Introduction to Latin Prose, to the end of the Passive Voice; and a translation back again into Latin of a plain English version from the Latin of some

French:-Kutel's Analytical French Grammar, to end of the Thirtieth Lesson; Kutel's French Reader, Part I.

German:—Buckheim's Reader, Part I.; Otto's German Grammar,

*The Subjects prescribed by the Council of Public Instruction may be taken instead of those herein prescribed.

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MATRICULATION IN ENGINEERING.

Arithmetic as in Matriculation in Arts. Algebra to the end of Quadratic Equations. Euclid, Books I., II., III., IV.

Classical Subjects are not required from Engineering Students.

Every student on Matriculation must sign a declaration that he will comply with the rules and regulations of the University

Attendance at Lectures.

Attendance at all Lectures, except those which shall be announced as optional shall be compulsory upon all undergraduates.

Professors will register the presence or absence of students immediately before beginning lectures; any student entering thereafter will be noted as absent unless a satisfactory explanation be given to the Professor.

No student shall be allowed to absent himself from any Lecture, (except by special permission, obtained from the Professor), nor from the Examinations in any Department in his course. All students must procure from the Professors certificates of attendance, without which they will not be allowed to proceed to the examinations held at the end of every term.

Of Terms and Residence.

The Academical year shall begin in October, and shall contain three terms, in which all collegiate exercises shall be performed and all degrees conferred. Michaelmas Term shall extend from the first Saturday of October to December 22nd; Lent Term from the second Saturday of January to the Saturday before Palm Sunday; Easter Term from the Monday after Easter Monday to the last Thursday in June.

The following days shall be observed as Holidays in the University:—All Saints' Day, Ash-Wednesday, Ascension Day, Whitsun Monday, and the Birth-Day of the reigning Sovereign.

In order to encourage school-teachers and others, whose engagements prevent them from attending the full course, and who desire to obtain the degree of B. A., the following special arrangements will be made:—

Any such student, on making proper application, will be permitted to come into residence during the first week of November, in each year, and to remain until the end of the succeeding Lent Term, passing the regular examinations. This will be allowed to count as two Terms. After thus keeping eight Terms, he will be permitted to present himself for the B.A. Examination on any subsequent occasion.

Discipline.

The resident Students are under the immediate charge of the President.

A Register shall be kept of the attendance of all Students at Chapel.

*Students residing in the College are not to be out of it after 9.30 P.M., without the permission of the President, or in his absence, the Vice-President, and such regulations shall be made as may be found necessary to secure the strict observance of this rule. The College authorities may enter the appartments of any undergraduates at all hours of the day or night.

No visitor shall be allowed to remain in College after 10 P.M., unless by permission.

The President is authorized to impose fines or written exercises for infraction of regulations, insubordination or disorderly conduct; matters of a more serious nature shall be referred to the Board of Discipline, which shall meet once a week, or oftener, if required.

Each Professor shall keep a record of the attendance at his Lectures, and report thereon at the weekly meeting of the Board.

The Board of Discipline may deprive any Student of his Term for negligence of due preparation for Lectures.

*Extract from Section 6, Chapter VII. of the Revised Statutes.

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his ard. his In case of sickness a medical certificate must be produced, if required by the Board.

The introduction or use of spirituous liquors in the College is absolutely prohibited.

Regulations for holding Matriculation Examinations at other Centres than King's College.

Whereas, It is desirable to meet the convenience of candidates for Matriculation who reside at a distance from Windsor, it is Resolved, That Matriculation Examinations may be held at other centres than King's College, subject to the following conditions:

I.—A Committee of not less than five members must be nominated by the Governors of King's College for the purpose of conducting the Matriculation Examinations in the city or town where it is desired that such examinations should be held.

II.—The said Committee must appoint a Secretary to conduct the necessary correspondence with the President of King's College.

III.—The following declaration must be signed by all the members of the Committee:—

"We, the undersigned, having been nominated by the Governors of King's College as a Committee for the purpose of conducting Matriculation Examinations for King's College, N. S., hereby pledge ourselves to conduct such examinations according to the rules laid down by the Board of Governors for that purpose."

IV.—The examination questions shall be forwarded under seal to the Secretary of the Committee, from King's College, N. S., and shall be opened at the hour appointed for the commencement of the examination, in the room where the examination is to be held.

V.—No candidate shall introduce, for any purpose whatever, any book or papers into the examination room.

VI.—No talking, and no communication whatever, shall be permitted amongst the candidates undergoing the examination.

VII.—Candidates shall write the answers on papers provided by the Committee for that purpose.

VIII.—The days for holding the Matriculation Examinations shall be those appointed in the Calendar of King's College.

IX.—On each occasion when it is proposed to hold a Matriculation Examination at a distant centre, notice should be sent by the secretary of the Committee to the President of King's College, one month before the date of the examination.

X.—Each candidate for Matriculation, at any distant centre, shall pay in advance a fee of five dollars.

XI.—Two or more members of the Committee shall be present throughout each session of the examination, and shall sign the following declaration, which shall be transmitted, with the answers of the candidates, to the President of King's College:—

"We, the undersigned, having been present during the whole time of the examination, when the accompanying papers were worked, hereby declare that the examination has been in all respects fairly conducted, and in accordance with the prescribed rules."

In accordance with the above regulations, the following Local Committees have been appointed:—

For St. John, N. B. :

The Right Rev. H. T. Kingdon, D.D. Rev. Canon Brigstocke, D. D. Rev. G. G. Roberts, M. A., I. Allen Jack, Eaq., B. G. L., Sect'y. Rev. R. Simonds, B. A.

For Charlottetown, P. E. I.:

The Hon. Mr. Justice Hensley,
The Hon. Fred'k Brecken,
Fred'k Peters, Esq.,
A. B. Warburton, Esq., B. C. L.,
Ed. Hodgson, Esq., Q. C., Secretary,

For St. John's Newfoundland. :

Sir W. V. Whiteway, Q. C., Capt. Robinson, R. N., Rev. W. Pilot, B. D., Superintendent of Education, Rev. R. H. Taylor, Rev. A. C. F. Wood, M. A., Secretary.

For Bermuda:

Rev. Lumley Lough, Secretary, Rev. Mark James, Richard Darrell, Esq., Reginald Gray, Esq., George Simson, Esq. EX.

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EXAMINATIONS AND GRADUATION.

Terminal Examinations.

Every student will be required to undergo an examination at the end of each term in all the subjects in which he has attended lectures. Any Professor may, at his discretion, dispense with examinations in optional subjects.

Every Undergraduate, previous to presenting himself for any Terminal Examination, will have to obtain from each Professor whose lectures he has attended during the term, a certificate of attendance and good conduct.

No Professor will grant such certificate if more than two absences without leave, during the course of the term, are recorded against the applicant, or if his conduct shall have been in any way reprehensible.

Such certificates will then be handed in by the Senior of each class to the President, who shall post in the Commons' Hall a list of eligible candidates, previous to the beginning of the examination, and no Undergraduate shall be allowed to present himself at any Terminal Examination unless he shall have complied with these regulations.

The list of candidates who shall have passed the Terminal Examination shall be published in the hall after the final meeting of the College Board for that term. Any student whose name does not appear in the list, provided he shall have failed in but one subject, shall be allowed, at the beginning of the following term a supplementary examination in that subject.* But if he shall have failed in more than one subject, the supplementary examination shall include the entire work of the term in which he shall have failed.

[&]quot;Students requiring a supplementary examination must apply to the Board of Discipline, enclosing a fee of five dollars.

Responsions.

Every matriculated student is required to pass a public examination called Responsions, for which he may present himself in Easter term following his admission; and no term after the sixth can be reckoned until it has been passed. The subjects for 1890 are as follows:—

I. CLASSICS:

LATIN.—Cicero: Pro Lege Manilià; Horace: Ars Poetica.

GREEK.—Plato: Apology of Socrates; Euripides: Baccha.

- Greek and Latin Prose Composition. Creighton's History
 of Rome. Tozer's Classical Geography. Jebb's Greek
 Literature. Practice in sight reading (Greek and Latin)
 will be carried on during the year, and an unseen passage
 will be set for examination.
- English Literature.—Terms 1, 2, 3: Spencer's Fairie Queene, Book I.; More's Utopia, Book II., or selected chapters from Malory's Morte D'Arthur; Shakespeare's The Merchant of Venice; Palgrave's Golden Treasury of Songs and Lyrics, Book I.; Milton's Paradise Lost, Books I. and II.; Dryden's On the Parallel between Poetry and Painting, to be read in private. Essays.

Terms 4 and 5:—Shakespeare's As you like it; Palgrave's Golden Treasury, Book II.; Welch's Complete Rhetoric, in part; Selected Essays of Addison, or selected chapters from Browne's Hydriotaphia; Dowden's Shakespeare Primer; Brooke's Primer of English Literature, the first three chapters of each to be read in private. Essays.

- 3. Divinity.—Acts of the Apostles, and Old Testament History,
- 4. Mathematics.—Arithmetic, with practical use of logarithms;
 Algebra, to the end of the Quadratic equations including
 simultaneous equations involving quadratics and higher
 equations reducible to the form of quadratics; Geometry,
 Euclid, Books I., II., III., IV. and VI., with definitions of

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 Chemistry and Physics.—Chemistry of the First Year, (Wilson's Text-book and lecture notes.) Practical (analytical) Chemistry of the first and second terms of the Second Year, (Jones' Junior course of Practical Chemistry.)

Experimental Physics (Heat, Light, Electricity and Magnetism, and selected course in Hydrostatics and Pneumatics es in Balfour Stewart's Lessons, and lecture notes.)

6. Modern Languages—any one:

French:—Keetel's French Grammar. Racine—Andromaque, or Iphigénic. Lamartine—Christophe Colomb.

GERMAN:—Buckheim's Reader, Part I.; the Etymology of language according to Otto's Grammar; Schiller—Selected Ballards.

Graduation in Arts.-B. A. Degree.

Undergraduates presenting themselves for examination for this degree, shall be required to produce satisfactory certificates of attendance and conduct during the whole of the three years' course. The certificates will have to be signed by the various Professors whose courses of Lectures they have attended, and no undergraduate shall be allowed to present himself at any degree Examination unless he shall have complied with the above regulations; or, if in case they shall not have attended the whole course at Kings' College, they shall be required to produce similar certificates from the University they have attended.

The Examination shall be carried on mainly by written questions and answers, but the Examiners shall at all times have the power of Examining viva voce.

A Public Examination for Degrees shall be held towards the end of Michaelmas and Easter Terms. Students shall not be permitted to offer themselves for this before their ninth term of residence, except those who intend to offer themselves for Honours, who may be examined in the Ordinary Degree subjects in their

seventh term. In such case, the student must pass an examination in the honour-subjects chosen by him before being admitted to a Degree.

Every candidate for a Degree must give notice in writing, to the President of the University, of his intention to present himself for examination, such notice to contain a list of subjects prepared and to be sent not later than twenty-one days previous to the date published in the Calendar for the holding of Degree Examinations.

Every candidate for a Degree must be examined on two days or more in at least three of the subjects on which lectures are delivered by the Professors. The following (or their equivalent) are the subjects of an ordinary degree:

I. CLASSICS:

LATIN.—Tacitus: Germania; Virgil: Æneid VI.; Terence; Heautontimorumenos.

GREEK.—Demosthenes: Selected Orations; Sophocles: Antigone; Thucydides: Book II.

Greek and Latin prose Composition. A period of Roman and Greeian History. Geography of Ancient Greece and Italy. Donaldson's Theatre of the Greeks, (selected portion.) Peile's Primer of Philology. Practice in sight reading will be given during term and an unseen passage will be set for examinations.

II. ENGLISH LITERATURE:

Term 6.—Selected Poems of Robert Browning; Palgrave's Golden Treasury, Book III.; Welsh's Complete Rhetoric; Stedman's Essay on Elizabeth Barrett Browning; Dowden's Shakspeare Primer, chapters 4, 5 and 7, to be read in private. Essays.

Terms 7, 8 and 9.—Chaucer's The Parliament of Foules; Shakspeare's King Lear; Palgrave's Golden Treasury, Book IV.; Shelley's Adonais; Tennyson's The Princess; Gunmere's Handbook of Poetics; Emerson's Essays on Books, Beauty, Culture, Eloquence; Brooke's Primer of English Literature; Borrough's Papueton and Nature and the Poets and Dowdens' Shakspeare Primer, Chapter 6, to be read in private. Essays.

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III. DIVINITY:

Four Gospels in Greek; Miller's Textual Criticism; Scripture History; Liturgy; Paley's Evidences. Hebrew is optional.

IV. MATHEMATICS:

ALGEBRA.—To include Progressions; Binomial Theorem (any exponent); Exponential and Logarithmic Series; Interest and Annuities; Convergence and Divergence of Series; Part of the Theory of Equations.

Geometry.—(Pure): Euclid, Book XI., first twenty-one propositions.

Geometry.—(Analytical): As far as the general equation of the second degree.

CONIC SECTIONS.—Properties of the Circle, Parabola, Ellipse, and Hyperbola.

PLANE TRIGONOMETRY, to the end of the solution of plane triangles.

V. NATURAL SCIENCE:

GEOLOGY.—(Dana's Text-book.)

MINERALOGY, including Blowpipe Analysis, (Dana's Manual.)

Dawson's Handbook.

VI. Modern Languages-any one:

French.—Corneille—Horace or Polyeucte. Prosper Mérimée—Colomba Frechette—Les Fleurs Boréales. About—"La Fille du Chanoine." Ecribe—"Betrand et Raton" or "Le Verre d'eau." Gasc—Manual of French Conversation; Smith's French Principia, Part III.; History and Etymology of the French Language. Saintsbury—Primer of French Literature. Keetel's Grammar (complete). Essays. Conversation.

GERMAN.—The Forms and Syntax according to Otto's Grammar. Schiller Maria Stuart; Historische Skizzen (Clar. Press Series.) Goethe—Iphigenie auf Tauris. Freytag—Die Journalisten. Immerman—Der Oberhof, or Jensen—Die Braune Erica. Buchheim's Prose Composition. Richard & Kaub's Dialogues. Essays. Conversation. Gotswick & Harrison's Outlines of German Literature.

All candidates for Honours in any branch must first pass the ordinary degree examination.

VII. ECONOMICS AND HISTORY.

Political Economy; International Law; English, Canadian and Mediæval History; Logic.

Every candidate for a degree in Honours shall be examined in one or more of the following subjects, at his own choice:

*I. *CLASSICS:

GREEK.-Plato: Republic, Books I.-IV., or Thecetetus; Pindar; Olympian Odes; Theocritus; Ten Selected Idyle, or Aristophanes; The Frogs: Mahaffy's Greek Literature; Ferrier's Lectures on Early Greek Philosophy; Feller's Socrates and the Socratic Schools.

LATIN.—Lucretius: De rerum Natura, Books V. and VI.; Catullus; Ellis Carmina Selecta; Propertius; Postgate's Selected Elegies; Cicero; De Oratore; Book I.; Crutwell's History of Roman Literature; Whitney's Life and Growth of Language.

II. ENGLISH LITERATURE:

HONOURS IN ENGLISH.—Welsh's Development of the English Language and Literature, or Taine's History of English Literature; Lanier's Science of English Verse; Sweet's Anglo-Saxon Primer; Chaucer's Prologue and Knight's Tale | Marlowe's Dr. Faustus compared with Goethe's Faust, or Shakespeare's Macbeth and Timon of Athens; Milton's Lycidas studied in connection with Shelley's Adonais, Gray's Elegy, Tennyson's In Memoriam, Arnold's Thyrsis, and Swinburne's Ave atque Vale; Rosetti's Selected Poems; Carlyle's Essay on Burns; Matthew Arnold's Essays on Heine and Maurice de Guérin.

III. DIVINITY:

Hebrew Bible (selected portions); Greek Testament (selected Epistles); Liddon's Bampton Lectures; Row's Bampton Lectures; Butler's Analogy (two of these); Church History to A. D. 451 and the English Reformation; Browne on the Articles, Pearson on the Creed, St. Anselm's Cur Deus Homo, Hooker, Book V., Freeman's Principles of Divine

Candidates for Holy Orders not taking Honours in Divinity will take portions of the above course.

MATHEMATICS AND MATHEMATICAL PHYSICS:

FOR HONOURS.—To have passed the ordinary B.A. Examination—Algebra; Trigonometry, Plane and Spherical; Theory of Equations; Easier parts of Analytical Solid Geometry; Newton's Principia, sections 1, 2 and 3; Differential Calculus, including Maxima and Minima; Integral Calculus; Mechanics, Statics and Dynamics; Hydrostatics; Geometrical Optics; Astronomy. Acoustics or Electricity may be substituted for Astronomy.

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V. NATURAL SCIENCE:

Analytical Chemistry, advanced course: (Jones' Journal of Practical Chemistry and Fresenius' Manuals); Geology, advanced course; Paleontology (Nicholson's Manual); Mineralogy, including Blowpipe Analysis (Dana's and Brush's Manuals); Field Geology (Geikie's Outlines.) The scientific collections of the College are available for study, and these are supplemented, when necessary, by the Professor's collections. Excursions for field work will be made when practicable.

VI. MODERN LANGUAGES—FRENCH AND GERMAN:

HONOURS IN FRENCH.—Molière—Le Misanthrope, Le Bourgeois Gentilhomme; Corneille—Cinna; Racine—Athalie; Voltaire—Zaire; La Fontaine— Fables; Victor Hugo—Notre Dame de Paris, Hernani, Les Orientales; Halévy—L'Abbé Constantin; Balzac—Eugénie Grandet; Chateaubriand— Atala; Démogeot—Historie de la Literature Francaise; Gaston Paris— Manuel du Mogen Age; Franche—Phrases de tous les jours; Composition, Phonetics.

HONOURS IN GERMAN.—Gothe—Faust, Part I., Die Leiden des jungen Werther's; Schiller—Wallenstein's Tod, Gesch des dreissigiährigen Krieges, Book II.; Lessing—Nathan der Weise; Chamisso—Peter Schlemihi; Scheffel—Der Trompeter, von Sachingen; Heine—Selected Poems; Heyse—Novellen; Brandt—German Grammar; Wright—Old High German Primer, Middle High German Pimer; Scherer—History of German Literature, (selected periods); Composition, Phonetics.

VII. ECONOMICS AND HISTORY:

HONOURS IN ECONOMICS AND HISTORY.—The Text-books and books of reference for the above course will be announced at the beginning of the Michaelmas Term. The course will include Lectures in Political Economy, International Law, Constitutional and General History, and History of the Aryan Race, together with theses on various problems in Applied Economics.

Modifications in the subjects to be made with the approval of the Board of Governors.

Successful candidates for Honour and Pass Degrees will be classed as follows:—

HONOUR DEGREES.

First..... Optime meruit.

Second Laudabiles progressus fecit.

Third..... Honores in - - &c., adeptus est.

PASS DEGREES.

First..... Satisfecit nobis examinatoribus. Second Examen subiit.

An Examination fee of One Dollar shall be paid by each candidate to meet the expenses of stationery-for the examinations through the year,—which shall be provided by the University.

Elective Students may also obtain Pass Certificates, Honour Certificates, and Diplomas, in lieu of Degree, which shall entitle them to the rank of Associate of Arts.

Divinity Students.

Candidates for Holy Orders desiring to attend the College who shall have received such previous instruction as to permit them to present themselves for ordination without going through the full course as prescribed in the Calendar must be over 18 years of They must produce Baptismal and Medical Certificates and be free from such physical defects as would be likely to interfere with their usefulness as clergymen. Before being allowed to enter college for the purpose of taking a course in Divinity they are required to pass a creditable examination in the following subjects :-

- Classics, viz:-The subjects required for Responsions or their equivalent.
- II. English, viz :- The subjects required for Reponsions or their equivalent.

III. Arithmetic.

- IV. Divinity.—(a) The four Gospels in Greek.
 - (b) The Book of Common Prayer.
 - (c) Old and New Testament History.

Divinity Students are required to pass an examination at the end of each term in the lectures given during the term by the Professors of Divinity and by the Lecturers in Divinity appointed by the Visitor and the Board of Governors.

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In addition to the Terminal Examinations, they are also required to pass two General Examinations in the following subjects. Equivalents may be substituted for the books that are here specified, after due notice has been given. The Second Examination for the Diploma in Theology and for the Title of Licentiate of King's College, will be conducted by examiners nominated by the visitor and the Board of Governors. Every candidate for admission as a Divinity Student must produce a medical certificate as to his health, also a certificate from the clergyman of his parish, in the following form:

I hereby declare that I have known for years, that I know nothing against his moral character, that he is a regular communicant, and that he is, in my opinion, a fit person to be admitted to King's College as a Divinity Student with a view to Holy Orders.

This Certificate must be endorsed by three communicants of the same parish.

Divinity Students are not exempt from any of the Rules of Discipline which govern the College. They are not at liberty to take duty as lay readers without permission of the Visitor or President, and they are required to submit the sermons they propose to preach to the Visitor or President for approval.

Students in Divinity who shall have kept the terms and passed the examinations in Divinity prescribed as above, shall receive the Diploma in Theology and the Title of Licentiate in Sacred Theology of King's College.

FIRST EXAMINATION.

Scripture History (Blunt;) Greek Testament (selected portions from the Gospels and the Acts of the Apostles;) The Prayer Book (Daniel;) Church History to A. D., 325; Paley's Evidences.

SECOND EXAMINATION.

Scripture History (Rawlinson;) Greek Testament (selected Epistles;) Church History to A. D., 381; English Church History, especially the Reformation period; Browne on the Articles; Pearson on the Creed; De Fide et Symbolo; Butler's Analogy; Homiletics.

Candidates may also be examined in Hebrew.

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Graduation in Science and Engineering.—Degree of Bachelor of Engineering.

Undergraduates presenting themselves for examination for the Degree of Bachelor of Engineering shall be required to have been duly matriculated in the School of Engineering; to have subsequently studied in King's College the course herein prescribed, and to have passed the First University Examination for

The course for Degree in Civil or Mining Engineering shall usually extend over four years, and shall comprise attendance on the following Curriculum:

FIRST YEAR.

Mathematics (Pure.) Chemistry (as in 1st year Arts Course.) The French or German Language.

English Literature (as in 1st year Arts Course.) Surveying and Levelling. Field and Office Work.

SECOND YEAR.

Mathematics (Pure.) Chemical Physics (Selections from Bal- Office Work, four Stewart's Lessons and Lecture Engineering Excursions. Botany and Zoology (as in Arts Course.)

Chemistry, Analytical (as in 2nd year English Literature (as in Arts Course.) Mensuration, Surveying and Levelling.

THIRD YEAR.

Mathematics (Pure.) Mathematical Physics. Mineralogy, (including Blowpipe Analy- Geological Excursions.

Civil Engineering. Geometrical Drawing. Engineering Office and Field Work.

FOURTH YEAR.

Natural Philosophy (applied.) Mathematical Physics.

Civil Engineering. Engineering Field and Office Work.

Attendance on these Lectures shall in all cases, be understood to include the passing of such examinations (including terminals) as may be appointed by the College Board.

On the recommendation of the College Board, candidates shall be permitted to enter upon the second or third year's work, if,

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s shall rk, if, upon their entering the College, they shall pass, to the satisfaction of the said Board, an examination in all the subjects comprehended by the course in either the first, or the first and second years, as the case may be.

First University Examination for the Degree of B. Eng.

In all cases the first University Examination for the Degree of B. Eng. must be passed by the candidate before rising to his fourth year.

This examination shall include:

1.--English Literature (as for Responsions, Arts Course).

2.—Pure Mathematics (complete course).

 Surveying, Levelling, Mapping, and Mensuration of Earth Works.

4.—Geometrical Drawing.

 Chemistry and Chemical Physics (as for Responsions, Arts Course).

6.—The French or the German Language as for the Degree of B.A.

The Course in Mathematics shall include:—*Euclid*, Books 1, 2, 3, 4, 6, and first 21 propositions of Book 11; Definitions of Book 5, with Algebraical treatment of Ratio and Proportion.

Algebra, to include Progressions, Binomial Theorem, Exponential and Logarithmic Series; Convergence and Divergence of Series; Theory of Equations.

Trigonometry, Plane and Spherical.

Analytical Geometry, as far as the Equation of the Second Degree; Conic Sections.

Differential Calculus: Differentiation of Algebraic and Transcendental Functions; Successive or Differentiation; Development of Functions; McLauren & Taylor's Theorems; Differentiation of Implicit Functions; Maxima and Minima.

Integral Calculus: Simple Integration; Practice in bringing expressions into Integral form; Definite Integrals, with some

experience in their application to determination of areas and volumes, rectification of curves, etc.

Under (3) shall be included Nature and Use of Engineering Instruments, with their adjustments; Chain, Compass, and Theodolite Surveying; Levelling, Mapping, Determination of Earthwork Quantities, with the Engineering work involved in "Trial" and "Location" Railway Surveys.

The candidate will be required to produce both plan and section (or profile) of some work of this nature, drawn by himself from his own field notes.

Geometrical Drawing (4) shall comprehend Theory of Projections, including "Isometric," Shadows, and Perspective.

The final examination, entitling the Candidate to the Degree of B. E. shall embrace the following subjects:

Civil Engineering.
Natural Philosophy (applied).
Mathematical Physics.
Mensuration.

Mineralogy (including Blowpipe Analysis).
Geology.

The examination in Civil Engineering shall comprehend Determination of Strains in combined structures, Stability of works of Masonry, Arches, Retaining Walls, etc.; Hydraulic Engineering, Disposition of Sewage; also principles of great Trigonometric Survey.

The candidate will be required to produce plans, elevations, etc., drawn by himself, of some engineering work, in the character of a combined structure.

The course in Natural Philosophy applied will be represented or outlined by such text books as Twisden's Practical Mechanics, parts of Descanel's Natural Philosophy or Ganot's Physics; Galbraith & Haughton's Steam Engine.

In Mathematical Physics: Galbraith & Haughton Manuals of Mechanics, Hydrostatics, Optics and Astronomy.

Other text books will, however, be referred to, most of which will be found in the College Library.

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The course of Chemistry by: Experimental Physics (Stewart's or Ganot's;) Chemistry Wilson's Inorganic; Practical (Analytical) Chemistry (Jones' Junior Course, or Fresenius' Qualitative Analysis.)

Mineralogy, including Blowpipe Analysis—(Dana's Manual.) Geology (Dana's Text Book.)

The fee for the Degree in Engineering will be \$12.00. It must be lodged with the Bursar before the Examination begins.

For the Degree of M. Eng.

Every candidate must have taken the Degree of B. E., and must have been engaged in practical work connected with the Professor of a Civil Engineer for at least three years from the time of so doing. He must have held a position of responsibility in such connection.

He will be examined in each of the following groups, of subjects:—

(1.) Practical Engineering:

The preparation of Designs, Specifications and Estimates for Civil Engineering Work.

(2.) Applied Science:

(a Applied Mathematics.

(b) Technological Chemistry, Assaying and Analysis.

(c) Geology and Mining.

(d) Practical Electricity.

Candidates must select one of the four subjects in the second group. The particular department of Engineering work in which the candidate is examined will be chosen with reference to the character of the work in which he has been specially engaged and in this portion of the examination candidates will be tested as regards their knowledge of the subject by being required to submit a complete set of Drawings, Specifications and Estimates for some proposed work, for the preparation of which a month or five weeks will be allowed. These Drawings, with the detailed

calculations upon which they are based, will be sent in to the Examiners, and if they are approved, an oral examination of the candidates will be conducted for the purpose of supplying the authenticity of the work submitted, and of testing the candidate's professional ability.

The Examiners in Civil Engineering shall be appointed yearly by the Board of Governors and the Professor of Engineering shall be ex officio a member of the examining body.

Course of Study for Degree of Bachelor of Science. (B. Sc.)

In all cases the first University Examination for Degree of B. Sc. shall be held at the end of the sixth term, and the second or final University Examination for this Degree shall be held at the end of the twelfth, term.

Matriculation Examination, as in Arts, with omission of Greek.

FIRST YEAR.

Mathematics (as in 1st year Engineering | The French or German Langua Chemistry (as in 1st year Arts Course.) English Literature (as in 1st year Arts Course.)

Surveying and Levelling (with Field and Office Work, as in Engineering

SECOND YEAR.

Mathematics (as in 2nd year Engineering | Botany and Zoology (as in 2nd year Arts

Chemistry, Qualitative Analysis (as in English Literature (as in Arts Course, 2nd year Arts Course.)

Chemical Physics (as in 2nd year Arts

Terms 4 and 5.)

The French or German Language. Mensuration, Surveying and Levelling (with Office Work.)

Mathematical Physics (Selected Course in Mechanics and Hydrostatics).

Mining.

Economics (as in Arts Course Term 6.) Geology (including Petrography and Field Geology)

The French or German Language.

Theological Excursions.

FOURTH YEAR.

Mathematical Physics (Selected Course in Optics and Astronomy.)

Metallurgy and Assaying.

Geological Drawing. Economic Geology and Mineralogy.) Chemistry (Quantitative Analysis of Minerals, Ores, &c.)

Economics (as in Arts Course, Terms 7, 8, 9.) The French or German Language.

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Among the subjects of Mining in which the Students will be instructed, are Blasting and use of Explosives; Quarrying and Hydraulic Mining; Boring, Sinking, Timbering and Tubing of shafts; Driving and Timbering of Levels; Underground Conveyance and Hoisting; Drainage and Pumping; Lighting and Ventilation of Mines; Methods of Exploitation employed in working Coal Seams and Metalliferous Deposits, &c.

Text-Books required, besides those included in the list required in the Ordinary and Honour Arts Course in Natural Science:

Warrington Smith's Coal and Coal Mining. Haswell's Colliery Management. Bauerman's Metallurgy of Iron. Davies' Metalliferous Minerals and Mining.

" Earthy Minerals and Mining.
" Slate Quarrying.
Collins' Mining and Quarrying.
Burgoyne's Blasting and Quarrying.
W. N. Hartley's Quantitative Analysis.
Greenwood's Metallurgy.
Rickett's Notes on Assaying.
Morgan's Manual of Mining Tools and Atlas.

In addition to the list of Text-books required, as mentioned under Responsions, B. A. Degree, Honours in Natural Science, B. Eng. Degree, and Mining, the following are for reference—Geology, (Dawson's Acadian, Dawson's Lecture Notes, Lyell's,) Reports of the Canadian and U. S. Geological Surveys, Mining Reports of Nova Scotia, Transactions of the American Institute of Mining Engineers, Publications of the Institute of Civil Engineers, London, G. B., Proceedings of the N. S. Institute of Natural Science, Honeyman's Geological Giants and Pignies, Greenwell's Mine Engineering, Phillips' and Von Cotta's Treatises on Ore and Ore Deposits, Burat's Geologie Appliquée.

For the Degree of M. Sc.

Candidates for this Degree must be a B. Sc. of three years' standing. Every candidate will be required to send in a Thesis on some scientific subject embodying original work, and also, in addition, be required to pass an examination on one of three or more subjects to be named in the Calendar:—

Coal (with original analysis and methods of mining.)
Iron (with analysis and methods of mining.)
Copper (with analysis and methods of mining.)

The subjects having special reference to the economic deposits and working of the same in the Dominion of Canada.

For Degree of D. Sc.

Candidates for D. Sc. must be a B. Sc. of eight years' standing or a Master of Science of five years' standing.

A Thesis on some approved subject to be sent in to the Board of Examiners and a proof of continued successful work in Science.

Degrees in Law.

BACHELOR OF CIVIL LAW.

The Candidate for this Degree must be a matriculated Student of King's College (except in cases hereinafter provided for, where he is a Barrister-at-Law of three years' standing), but if he be a Student-at-Law who has been matriculated by the Law Society of Nova Scotia, he shall be admitted to Matriculation in the University without further Examination.

The Candidate must be of the standing of three years from the date of Matriculation.

The Candidate will be required to pass three Examinations, separated by intervals of not less than a year, to be called the First, Second, and Final Examinations in Law. If, however, the Candidate produces a Certificate of his having been called to the Degree of Barrister-at-Law by any Law Society in Her Majesty's Dominions, and be a Graduate in Law of any recognized University, he may be admitted to the Degree of B. C. L. on passing an examination in Roman Law.

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FIRST EXAMINATION IN LAW.

The subjects for this Examination are:

CONSTITUTIONAL HISTORY AND LAW:

Todd's Parliamentary Government in the British Colonies. Bourinot's Manual of the Constitutional History of Canada. British North America Act.

ROMAN LAW:

Hunter's Roman Law.

REAL PROPERTY:

Leith's Williams's Principles of the Law of Real Property.

EQUITY:

Snell's Principles of Equity.

CONTRACTS:

Anson's Law of Contracts.

SECOND EXAMINATION IN LAW.

The subjects of this Examination are:

ROMAN LAW:

Gibbon's Decline and Fall of the Roman Empire, Ch. XLIV. Sir H. S. Maine's Ancient Law.

POLITICAL ECONOMY:

Professor Fawcett's Manual of Political Economy.

LAW OF EVIDENCE:

Powell's Law of Evidence.

LAW OF TORTS :

Pollock on Torts.

CRIMINAL LAW:

Harris's Principles of the Criminal Law. Blackstone's Commentaries, Vol. IV.

COMMON LAW :

Broom's Commentaries on the Common Law.

CONSTITUTIONAL HISTORY:

Dicey's Lectures on the English Constitution.

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FINAL EXAMINATION IN LAW.

The subjects of this Examination are:

CONSTITUTIONAL HISTORY AND LAW:

Taswell-Langmead's English Constitutional History.
British North America Act, and cases thereunder.
(Doutre and Cartwright's Cases for reference.)

ROMAN LAW:

Tomkin's and Jencken's Compendium of the Modern Roman Law.

REAL PROPERTY:

Leith and Smith's Blackstone

LAW OF EVIDENCE :

Best's Principles of the Law of Evidence.

INTERNATIONAL LAW:.

Von Savigny's Private International Law.

JURISPRUDENCE:

Austin's Jurisprudence.

LAW OF CONTRACTS:

Pollock's Law of Contracts.

EQUITY :

Storey's Equity Jurisprudence.

In order that a Candidate may pass in any of the three Examinations, he must obtain 33 per cent. of the marks assigned to each paper, and 50 per cent. of the total marks of the Examination. Candidates who satisfy the Examiners will be arranged in three classes in order of merit, the standard for the 1st and 2nd class respectively being 70 and 60 per cent. of the total marks of the Examination.

DOCTOR OF CIVIL LAW.

The Candidate for this Degree must be a Bachelor of Civil Law of five years' standing complete.

He must have composed a Thesis on some legal subject to be appointed by the Faculty.

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Of Examiners.

- The Examiners to conduct the Degree and Prize Examinations in each year shall be appointed by the Governors.
- 2.—These Examiners shall sign the Declaration, No. 4, in the Appendix to the present code of Statutes.
- 3.—The Examination shall be conducted by means of printed or written papers, together with a viva voce Examination at the discretion of the Examiner, and shall take place at such a time as shall permit of the results being made known at the Encænia of that year.

Regulations respecting Degrees in Divinity.

The University of King's College having entered into an agreement with the other Church Universities and Theological Colleges in Canada to adopt a uniform standard for degrees in Divinity, henceforth all such degrees will only be conferred by the University in accordance with the following Canon of the Provincial Synod of Canada.

CANON

ON DEGREES IN DIVINITY, WITHIN THE ECCLESIASTICAL PROVINCE OF CANADA.

CANON ON DEGREES IN DIVINITY.

Whereas it is deemed expedient by the Church Universities and Theological Colleges of the Ecclesiastical Province of Canada, that there should be a Canon to regulate the conferring of Theological Degrees in the aforesaid Province, and whereas the said Universities and Theological Colleges undertake each and severally to recognize and formally to appoint, after the manner required by their regulations and by-laws, the examining Board, hereinafter mentioned and described, to act for each of them in all matters appertaining to the Degrees of Bachelor and Doctor of Divinity within this Ecclesiastical Province:—

Therefore be it enacted as follows:-

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I.—BOARD OF EXAMINERS.

A Board of Examiners for Divinity Degrees within this Ecclesiastical Province shall be appointed as follows, viz.; One representative from each of the Universities of King's College, Windsor; Bishop's College, Lennoxville; and Trinity College, Toronto; and one each from Huron College, London (representing for this purpose the Western University), the Montreal Diocesan Theological College, now affiliated to the McGill University, and Wycliffe College, Toronto, now affiliated to the University of Toronto.

And the House of Bishops shall, at each Session of the Provincial Synod, appoint one of their number who shall be chairman

He shall also report to the Provincial Synod at each Session all regulations and by-laws made by the Board of Examiners, and the results of all examinations held from time to time under

The Board of Examiners shall be empowered to make such regulations and to appoint such officers as may be required.

II.—REGULATIONS FOR DEGREES IN DIVINITY.

A .- BACHELOR OF DIVINITY.

There shall be two Examinations for the Degree of B.D., the interval between which shall be at least one year.

The following Schedule shall be adopted as the Schedule of Examination for the Degree of B.D., within this Ecclesiastical

I.—FIRST EXAMINATION FOR THE DEGREE OF B. D.

The subjects of this Examination shall be as follows:—

- (1) A general paper upon the Contents and Subject matter of the Books of the Old and New Testaments.
- (2) Selected Portions from the Historical, Poetical, and Prophetical parts of the
 - (Questions in Hebrew will be set, but are not obligatory for the Degree.)
 - (3) A selected Gospel and Epistle from the New Testament in Greek.
 - (4) One selected Greek and one selected Latin Ecclesiastical Writing.
 - (5) The outlines of the History,
 - (a) Of the Christian Church A. D. 451.
 - (b) Of the English Church.

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(6) A selected work or works or portions of such works on the general subject of Dogmatic Theology.

(7) A selected work on Apologetic Theology.

(8) A selected work on General Christian Ethics.

II .- SECOND EXAMINATION FOR THE DEGREE OF B. D.

- The candidate may select for examination one of the five following groups of subjects.
- (2) Candidates selecting either of the groups III., IV. or V., must also pass an examination in at least one of the selected Books of the Old Testament in Hebrew, or of the New Testament in Greek, such Books in either case being prescribed for this purpose by the Board of Examiners.

(3) GROUPS.

- (a) The Hebrew Scriptures, with special reference to selected Books; also selected Books from the Septuagint version.
- (b) The History and development of the Kingdom of God during the Old Testament period, with special regard to its relation to the Christian Ministry and Sacraments, and also to the History and development of Messianic Prophecy.

(II.) NEW TESTAMENT.

(1.) OLD TESTAMENT.

- (a) The New Testament in Greek, with special reference to selected Books.
 (b) The History and Constitution of the Christian Church during the Apostolic
- (c) The History of the Canon of the New Testament and of its text, its Inspiration and Contents.

(III.) PATRISTICS AND ECCLESIASTICAL HISTORY.

- (a) The History and Constitution of the Christian Church during the Apostolic period, and to the death of Leo the Great, with selected Christian writings of this period.
- (b) The History of the English Church, special regard being had to the Reformation period, and to the history and doctrinal position of religious bodies which have separated from her.

(IV.) LITURGICS AND DOGMATIC THEOLOGY.

- (a) The Ancient Liturgies and their relation to the various Eucharistic Offices of the Anglican Church.
- (b) The Creeds and Illustrative Documents.
- (c) The History of some selected Doctrine.

(V.) APOLOGETICS.

- (a) Positive grounds of faith, embracing the several lines of thought by which the mind is led,
- (1) To the conviction of the existence of God,

- (2) To the conviction of the truth of Christianity; and including selected works on each of these subjects.
- (b) Selected ancient Christian Apologies.
- (c) Relation of Christianity to various Philosophical and Ethical systems,

B .- DOCTOR OF DIVINITY.

1. The Candidates for this degree must be Bachelors of Divinity of not less than five years' standing.

II-EXAMINATION FOR THE DEGREE OF D.D.

- (1.) The Candidate may select for examination one of the five following groups of subjects, but the examination in such group may, at the option of the Candidates, be taken in two divisions, such divisions being appointed by the Board of Examiners; in which case the examination in the second division cannot be taken until the Candidate is of sufficient standing for the degree.
- (2.) He shall also be required to write a Thesis on the corresponding subject specified below. Candidates who select group III., IV. or V., shall also, in addition to the Thesis prescribed for such group, be required to write a Monograph or Thesis upon some subject connected with the Old and New Testament.

(3) GROUPS.

- (I.) OLD TESTAMENT.
 - (a) The Old Testament in Hebrew and Chaldee, grammatically, critically and
 - (b) For Thesis: Some selected subject connected with the relation of the Old Testament Scriptures to contemporary Ethnic faiths, or with the authenticity, doctrinal position, or other kindred question of selected portions of the Old Testament.

(II.) NEW TESTAMENT.

- (a) The New Testament in Greek, grammatically, critically, and exegetically
- (b) Patristic and other Schools of Interpretation, with selected commentaries.
- (c) For Thesis: The authenticity, doctrinal position, or other kindred questions of selected portions of the New Testament.

(III.) PATRISTICS AND ECCLESIASTICAL HISTORY.

- (a) Selected Latin and Greek Ecclesiastical writings.
- (b) Selected Historical periods from Ancient, Mediæval, and Post-Reformation Ecclesiastical History, with Selected writings of the Period.
- (c) For Thesis: Some selected Historical subject.

(IV.) LITURGICS AND DOGMATIC THEOLOGY.

(a) The Book of Common Prayer in relation to its original sources.

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3. Alte force until (b) The History of Doctrine in the 16th century, with special reference to the Doctrinal position of the English Church.

(c) For Thesis: Some selected Doctrinal Subject.

(V.) APOLOGETICS.

- (a) The bearing upon the Christian Revelation of recent investigation in the various Mental and Physical Sciences and in History, including selected works on these subjects.
- (b) The relation of Christianity to the various non-Christian faiths, including selected works.
- (c) For Thesis: Some selected subject from (b.)
- 4. In order to pass the several examinations for the degrees of B.D. and D.D., Candidates must obtain an average of 50 per cent. of the aggregate marks of the examination, and not less than 33 per cent. of the marks assigned to each paper.
- 5. Candidates for the degree of B.D. or D.D. must, before their admission to such degree, preach a sermon before one of the four Universities, or before the Bishop who is Chairman of the Board of Examiners, or a representative duly appointed by him from among the authorities of the University or College to which the Candidate belongs.

III.—DUTIES OF EXAMINERS.

- 1. The Selected works under the Schedules shall be chosen for a period of six years by the Board of Examiners, and it shall be the duty of the proper officer appointed by the said Board to transmit a list of such selected works to each of the Universities and Theological Colleges above named. Provided that in the event of the governing body of any such University or College, within three months from such transmission, giving formal notice to the Board of Examiners of their objection to any particular Text-Book, it shall be the duty of the Examiners to withdraw such Text-Book, and if any other be substituted therefor, to transmit the name of such work to each of the Universities and Colleges as before, for their approbation or otherwise.
- 2. In case the Board of Examiners find themselves unable to agree upon or appoint a Text-Book in any department, they shall appoint two Text-Books as alternative subjects of examination, not excluding works previously withdrawn as sole Text-Books, and shall announce the same to the Universities and Colleges.
- 3. Alterations made in selected works shall not come into force until the Annual Examinations next but one after the date

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of their announcement by the Board of Examiners. Text-Books shall in all cases remain in force until the period above mentioned shall have elapsed from the date of the announcement of the new Text-Books by which they are severally replaced.

- 4. In subjects embraced in the above Schedules, on which selected works are not appointed, a list of books recommended by the Board of Examiners for study shall be announced.
- 5. The Examination for the degrees of Bachelor and Doctor of Divinity shall be conducted under the direct supervision and charge of at least one member of the Board of Examiners, and each University and Theological College aforesaid shall be a centre for holding such Examination, which shall be held simultaneously in all the centres, by means of written papers only, beginning on the first Tuesday in October in each year.
- 6. It shall be the duty of the Bishop of the Diocese in which any such centre exists to appoint one or more persons for such centre, to assist the Examiner in charge in distributing papers and maintaining order during the Examination. One such assistant shall be present throughout the whole time of such Examination.
- 7. The head of any College forming such centre as aforesaid, or a deputy appointed by him, shall have the right of being present during such Examination, but shall take no part therein unless he be a member of the Examination Board, or have been appointed an Assistant Examiner.
- The Examination Papers shall be published annually, and twenty copies sent to each University and Theological College in the Ecclesiastical Province.

IV.—QUALIFICATIONS OF CANDIDATES.

1. Candidates for the degree of B.D. must be graduates in Arts of at least three years' standing of some duly empowered University in the British Dominions; provided that in the case of clergymen in Priest's orders of more than six years' standing, who produce a written nomination for that purpose passed at a duly called general meeting of the Governing Body of any one of the six institutions, and who shall have passed the Matriculation Examination in Arts in some duly empowered University in the British Dominions, this requirement may be dispensed with.

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luates in powered the case standing, ssed at a y one of culation y in the ith. 2. Nevertheless, after December 31st, 1899, all Candidates for the Degree of B.D. must be graduates in Arts of at least three years' standing.

3. Notice shall be given to the Board by any Candidate, at least three months before any examination, of his intention to present himself for such examination.

4. The Candidates for the Degrees of Bachelor and Doctor of Divinity passed by the Board of Examiners, in accordance with the standard authorized and agreed upon, and such Candidates only, shall have the right of proceeding to their degrees, on payment of the fees required.

5. It shall be the duty of the proper officer appointed for that purpose by the Board of Examiners, to transmit to the Metropolitan, and to the Registrar of each University and College, the names and marks of the successful Candidates immediately after each examination.

6. So soon as the necessary legislation shall have been obtained, the Metropolitan of Canada shall be a Corporation sole, for the purpose of granting to Candidates, approved by the Board of Examiners appointed under this Canon, Degrees in Divinity in this Ecclesiastical Province.

7. It shall be lawful for the Metropolitan, in the public conferring of these Degrees, to appoint a representative, who shall in the case of a Candidate from any University or Theological College be the head of that University or College; and every Candidate for the Degrees of B.D. and D.D., passed by the Board of Examiners in accordance with the standard authorized and agreed upon, shall have the right of proceeding to his degree, either under the existing University powers at his University or under the powers thus conferred upon the Metropolitan at the University or College to which such Candidate belongs.

8. The Diplomas for Degrees in Divinity issued by the Universities shall have inscribed upon them the following statement from the Metropolitan: "The holder of this Diploma passed the examination for the degree of before the Board of Examiners recognized by the Provincial Synod of the Church of England in the Ecclesiastical Province of Canada."

Signed,

9. The diplomas issued by the Metropolitan shall, in each case, specify the college in which the candidate has received his Theological training, and shall be in the following form:-

by Divine permission Bishop of and Metropolitan, acting by the powers conferred on us by the of the Parliament of Canada, do hereby certify by these presents that the Rev. having passed the Examinations recognized by the Provincial College, Synod of the Church of England in Canada, for the degree of and having performed all the other exercises required by the Canon of the Provincial Synod in this behalf, was duly admitted to his degree on the in the year of our Lord day of Given under our hand and seal on the Lord in the year of our

Signed,

Metropolitan.

10. There shall be one common hood for each of the Degrees of Bachelor and Doctor of Divinity throughout this Ecclesiastical

The hood for the Degree of Bachelor of Divinity shall be black silk, lined with black silk, with a thread of scarlet cord

The hood for the Degree of Doctor of Divinity shall be scarlet cloth lined with black silk. The shape of the hood shall be in all cases that of the University of Cambridge.

11. After the coming into force of this Canon, all persons applying to be admitted as candidates for Divinity Degrees shall be required to proceed according to the provisions thereof, but this shall not apply to any persons already admitted at the date of the passing of the Canon as Candidates for Divinity Degrees

V.-ON FEES.

1. Fees for examinations payable to the Secretary of the Board of Examiners, shall be :-

For For	each Examination for B. D	8	5
101	Examination for D.D.	1	0

2. These fees shall be applied towards defraying the expenses incurred by the Board in carrying out the provisions of this

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penses of this Canon. Should the amount received for fees prove insufficient, the deficit shall be met by assessment on the Universities and Colleges in proportion of the number of their Candidates.

3. Candidates who have passed the Board of Examiners before receiving their degrees from the Metropolitan or his representative shall, in addition, pay to the Bursar of their University or College:—

The four Universities severally undertaking to charge the same fees to all Candidates proceeding to their Degrees in those Universities.

VI.-VOLUNTARY PRELIMINARY EXAMINATIONS.

- I. There shall be a Voluntary Preliminary Examination for Holy Orders, to be conducted by the Provincial Board of Examiners, upon the following subjects:—
- 1. A General Paper on the Contents of the Old and New Testaments.
 - 2. Selected Portions of the Old Testament.
- 3. A voluntary paper on Elementary Hebrew, based on selected passages.
 - 4. Selected Portions from the New Testament in Greek.
 - 5. A treatise on the Canon of the New Testament.
 - 6. The outlines of the History:
 - (a) Of the Christian Church to A.D., 451.
 - (b) Of the Church of England.
 - (c) Of the Reformation period.
- 7. One selected Greek and one selected Latin ecclesiastical writing.
 - 8. A treatise on the Creed.
 - 9. A treatise on the Articles.
 - * 10. A treatise or treatises on the Prayer Book.

11. A treatise or treatises on Apologetics, including Butler's

II. Candidates who obtain at least 33 per cent of the aggregate marks in this Examination shall be held to have passed the Examination, and such candidates shall be entitled to receive from the Board of Examiners a certificate of having passed the subjects of the Examinations.

III. Such certificate shall authorize the holder after ordination to wear a Black Stuff hood with a border of Crimson stuff two inches wide, on payment of a fee of \$10.

IV. Candidates for the Degree of B.D., who produce a certificate from the Board of Examiners of having obtained at least 50 per cent. of the marks in the Voluntary Preliminary Examination for Candidates for Holy Orders conducted by the Board (Paper No. 3 not being compulsory,) shall be exempted from the first Examination for the Degree of B.D.

V. Form of Certificate :-

Provincial Synod of Canada.

Voluntary Preliminary Examination for Holy Orders. 1 hereby certify that has passed the Voluntary Preliminary Examination for Holy Orders established by the Provincial Synod of Canada, and that he has obtained cent of the marks in the examination held in,

Signed,

Chairman of the Board. I further certify that the Rev. the Hood specified in the Canon establishing a Voluntary Preis entitled to wear liminary Examination for Holy Orders.

Signed,

Chairman of the Board.

Regulations for Local Examinations.

It is proposed to hold Local Examinations for candidates, male and female, who are not members of the University, in Windsor, and other places where it may be requested, and at such times as may be found expedient.

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tes, male Windsor, ch times Every candidate who passes the Examination will be entitled to receive, upon payment of the required fee, a certificate specifying the subjects in which he or she has satisfied the Examiners

Local Committees wishing to have Examinations held in their several districts may obtain all necessary information from the President of King's College, Windsor, N. S.

All such applications must be lodged with the President two months before Examinations begin.

REGULATIONS FOR JUNIOR CANDIDATES.

Every candidate will be required to pay a fee of \$2.00 to the Secretary of the Examining Committee.

- I. All candidates will be required to satisfy the Examiners in—
 - (a) Reading aloud a passage from some English Author.
 - (b) Writing from dictation.
 - (c) Analysis and Parsing.
 - (d) Writing a short Essay.
- ${\bf II.} \quad {\bf Arithmetic--first four \ rules, Vulgar and \ Decimal \ Fractions \ and \ Proportion. }$
- III. Geography—General Geography, as in Calkin's School Geography (large edition).
 - IV. Outlines of English and Canadian History.
- V. Scripture History—one book of the Old Testament and one of the four Gospels, or the Acts of the Apostles.
- VI. Of the following subjects, one only is obligatory upon the candidates:—
- Latin—One book of Virgil and one book of Cæsar, or equivalents; Latin exercises, as in Principia Latina, Part I., or Henry's First Book.

- (2) Greek—One book of Xenophon, with the History and Geography involved in the book, or one book of Homer. Male candidates to give in also one book of Homer.
- (3) French—A passage will be set from Paul et Virginie for translation into English. Also another passage from some easy French author. Translation of easy English sentences into French.
- (4) German—Adler's Reader, Part I. Translation of easy sentences into German.
- (5) Mathematics—Arithmetic; Euclid, Books I., II., III. Algebra, to Simple Equations, inclusive.

Successful candidates will be arranged in three classes, according to merit. The schools in which they were taught will be stated.

REGULATIONS FOR SENIOR CANDIDATES' EXAMINATION FOR THE TITLE OF ASSOCIATE IN ARTS OF THE UNIVERSITY OF KING'S COLLEGE, N. S.

Every candidate will be required to pay a fee of \$4.00 to the Secretary of the Examining Committee.

All candidates who have not passed the Junior Examination will be required to pass the obligatory subjects of that examination.

Every candidate will also be required to satisfy the Examiners in two at least of the following sections, of which one shall be A. or B. —

- A. English.
- (1) Swinton's Outline of World's History in the 16th, 17th, and 18th centuries.
 - (2) Stopford Brooke's Primer of English Literature.
 - (4) Shakespeare's Julius Cæsar, or Merchant of Venice.
 - . (5) Gray's Odes, or Longfellow's Evangeline.

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(6) Selected Essays from Addison or Emerson.

(7) Essay on some specified subject.

B. Languages. To pass in this section the candidates must satisfy the Examiners in one of the following languages:—

Latin—The De Senectute or De Ambaitid of Cicero; Odes of Horace; Writing—first half of Smith's Principia Latina, Part V., or Arnold's Latin Prose to the end of the Passive Voice.

Greek—One book of Homer, one book of Herodotus, one play of Euripides.

French—Etymology and Syntax, according to Otto's Grammar; one play of Racine; George Sand's La Mare au Diable; translation of easy prose passages from French into English, and from English into French.

C. Mathematics—Euclid, Books I., II., III., IV., VI., Def. of Book V.; Algebra, to the end of the Progressions.

D. Natural Science. The candidates must satisfy the Examiners in one of the following subjects:—

 Astronomy—Books recommended: First eleven chapters of Herschel's Outlines of Astronomy.

(2) Chemistry—Books recommended: Wilson's Inorganic Chemistry; Roscoe's Lessons in Elementary Chemistry.

(3) Physical Geography—Book recommended: Page's or Geikie's.

(4) Botany—Book recommended: Asa Gray's Lessons in Botany.

(5) Geology-Dana's Text-Book of Geology.

(6) Zoology-Dawson's Handbook.

Text-Books Recommended.

Homer's Iliad—Keep, Sidgewick, Monro, Book I., and for Students reading German, Ameis and Hentze, or La Roche. Gladstone's Primer of Homer, and Keep's Homeric Dictionary.

Herodotus-Keep's Stories and Book VII., or Stain.

Demosthenes-Tyler's Olynthiacs, Heslop or Rehdantz.

Plato-Dyer's Apology and Crito, Wagner or Kron.

Sophocles—Edipus Tyrannus, Paley, Campbell and Abbot, Jones or Schneidewin and Nauck.

Aristotle-Nic. Ethics, Bekker, Suesmihl, Moore.

Cicero-De Senectute, Reid, Howson, Oxford Text, Long.

Horace--Epodes: MacLean, Oxford Text, Schutz.

Terence—Andria: Freeman and Sloman, Papillon, Spengel.

Tacitus-Germania: Church and Brodribb, Tyler, Allen.

Plautus—Trinummus: Harrington, Wagner, Freeman and Sloman.

Lucretius-Harper's Text.

Tozer's Classical 'Geography, Jebb's Greek Literature or Jevon's Fyffe's or Smith's History of Greece.

ENGLISH.

Shakspeare, Spenser, Chaucer's Parlament of Foules, Milton, Moore's Utopia, Dryden's Selected Essays, Addison's Essays from Spectator, Goldsmith's Selected Essays, Palgrave's Golden Treasury, Stopford Brooke's Primer of English Liter-faure, Dowden's Shakspeare Primer, Tennyson, Emerson's Selected Essays, Mrs. Fawcett's Political Economy, Jevon's Lessons in Logic, Gunmere's Hand Book of Poetics, Selected Poems of Browning, Keat's Hyperion, Book I., Mair's Tecumseh.

FRENCH.

Otto's French Grammar.

Racine's Andromaque.

Corneille's Horace.

Chateaubriand's Atala.

Prosper Mérrimee's Colomba.

Frechette's Les Fleurs Boreales.

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DIVINITY.

Greek Testament for all students.

For Divinity students the following text-books and books of reference are recommended:—

Hebrew Bible, Harper's Introductory Method and Manual of Hebrew.

Tischendorf's Synopsis Evangelica, Miller's Textual Guide.

Westcott's Bible in Church, Rawlinson's Historical Illustrations of the O. T. Maclear's Old Testament History.

Paley's Evidences, Butler's Analogy, Row's Bampton Lectures, Row's Reasons for Believing in Christianity.

Wordsworth's Church History, Jenning's Ecclesia Anglicana, Trench on Mediseval Church History.

Browne on the Articles, Pearson on the Creed, Liddon's Bampton Lectures, DeFide et Symbolo, Maclear's Introduction to the Creed.

Hooker, Book V., Freeman's Principles of Divine Service, Daniel on the Prayer Book, Proctor on the Prayer Book, Blunt's Annotated Book of Common Prayer, Sadler's Church Doctrine, Kip's Double Witness of the Church, Littledale's Plain Reasons, Little's Reasons for being a Churchman.

Brook's Lectures on Preaching.

MATHEMATICS AND CIVIL ENGINEERING.

Text-Books recommended—Todhunter's Algebra, Plane Trigonometry, Spherical Trigonometry; Todhunter's or Chamber's Elements of Geometry; Conic Sections, Hymer's, Salmon; Differential and Integral Calculus, Williamson; Civil Engineering Rankine, Baker; Galbraith & Haughton's Manuals of Mechanics, Hydrostatics, Optics, Steam Engine, Astronomy; Godfray's Astronomy; Twisden's Practical Mechanics.

The following are some of the works recommended to the Student for reference—most of them will be found in the College Library:—Young's Mathematics, Salmon's Higher Algebra, Conics and Geometry, Stoney on Strains in Girders, Graphical Statics, Carl Von Ott; Transverse Strains, Hatfield; Merrill on Iron Trusses, Girder, Construction; Olander; Willis' Mechanics, Practical Tunnelling, Sim's; General Frome on Surveying, Transactions various Institutes Civil and Mining Engineers.

For Engineering Students—A Drawing Board, T-Square, Set-Square 60° and 30°, and Compass with pen and pencil legs, are required.

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*SCHOLARSHIPS AND PRIZES.

FOR LISTS OF SCHOLARS, EXHIBITIONS AND PRIZEMEN, (SEE INDEX.)

The Cogswell Scholarship.

 \pounds 24 sterling per annum. Open to candidates for Holy Orders, under the direction of the Trustees.

The Divinity Scholarships.

Open to Students for Holy Orders actually requiring assistance, and subject to the control of the Bishop of the Diocese.

Eight in number—Thirty pounds sterling per annum.

Two of these Scholarships are awarded each year, and are tenable for four years. They are awarded to those only who matriculate and take an Arte Course. In order to obtain a Scholarship a candidate must make an average of not less than fifty per cent. in the Matriculation Examination. The Scholarships are awarded according to the rank obtained in the Matriculation Examination, without excluding some consideration of the character and circumstances of the candidates. These Scholarships shall be forfeited for serious misconduct, of which the Board of Discipline shall be the judges, (the Board to report to the Bishop for his action) and any student failing to keep his terms, except prevented by illness or other urgent reason, shall tipso facto forfeit his Scholarship, and the Scholarship thus forfeited may, upon the recommendation of the President and the Professor of Divinity, be given by the Bishop to a Divinity Student of the same Academical standing as the one who forfeits the Scholarship.

Divinity Scholars are required to reside in the College building.

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^{*}No scholarship or prize open to competition shall be awarded unless at least 50 per cent. shall have been made in each paper.

The Binney Exhibition.

(\$50 per annum.)

In the year 1858, Miss Binney, sister of the late Visitor and daughter of the late Rev. Dr. Hibbert Binney, in the name and on behalf of her father's executors, handed over to the Governors certain stock amounting to \$1,000, to found an Exhibition at King's College, to be called "The Binney Exhibition," in memory of her said father.

The design of this Scholarship is to assist students who may require assistance, and who shall have commended themselves by their exemplary conduct, although their abilities and requirements may not qualify them to be successful competitors for an open scholarship.

Terms.—On or before the first day of May, in every year, the College Board shall nominate two students, in their third term at the least, whom they may deem best qualified, having regard to their straitened means and the excellence of their character; and the President shall forthwith transmit their names, together with a brief statement of their claims, to the Visitor, who shall select one of them to be the Exhibitioner, and to receive the interest accruing for the following year, commencing July 1st. Or, at his discretion, if he consider the claims of the two nominees to be equal, or nearly so, the Visitor may adjudge that the amount be divided between them.

The McCawley Hebrew Prize.

(£9 sterling. Open to all members of the University who are below the standing of M.A., and who have not already gained the first premium in Hebrew.)

This Prize is given out of the interest of a Trust Fund in the hands of the Society for the Propagation of the Gospel in Foreign parts. The Fund and the conditions of the Prize, are thus stated in the Report of the Society:

"This fund arises from a gift of £150 sterling, in the British North American Bank, made by the Rev. George McCawley, D.D., Falmouth, Nova Scotia, the interest to be paid to the student of King's College, Windsor, N. S., who shall pass the best examination in Hebrew Bible and Greek Testament; the examination being under the direction of the Visitor and President.

Subjects for Examination 1891:

HEBREW.

Gen. i-iii.; Deut. xxxiii.-xxxiv.; Psalms i.-xvi.; xix.-xxiii.

GREEK.

The Epistle to the Hebrews.

Hebrew counts 300 marks; Greek 100 marks.

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The Bishop's Prize.

(The Bishop's Prize of \$20.)

CONDITIONS.

This Prize is open to all members of the University of not more than twenty-one nor less than twelve terms standing in June, 1891.

Subjects for 1891:

"The helps and hindrances, peculiar to the present time, to the spread of Practical Christianity."

The Essays to be sent to the President by June 1, 1891.

The Almon Welsford Testimonial.

WILLIAM J. ALMON, Esq., M. D., endowed King's College with \$400 the interest of which is appropriated as a prize to be competed for every June, by the matriculated students of their first year of residence. The prize to be presented by the President, in the College Hall, on the anniversary of the attack upon the Redan, in which Major Welsford fell, on which day in every year, his gallant and loyal deeds are to be commemorated in Latin. (N.B.—Day changed to first Monday in Michaelmas Term.)

The Stevenson Scholarships.

(Three of \$60 each.)

THE REV. J. STEVENSON, M.A., (sometime Professor of Mathematics in King's College,) left a sum of money for the purpose of founding Three Scholarships, tenable for two years, and open to matriculated students in their second year of residence.

REGULATIONS.

- (1) These Scholarships shall be competed for in the month of October, and shall be open to all matriculated students in their second year of residence.
- (2) No student shall hold more than one of these scholarships; and in the event of two being vacant at the same time, they shall be awarded to the first and second candidates on the list who shall have attained the proper number of marks.

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- (3) No student shall be admitted as a candidate who is not prepared to undergo an examination in at least two of the Departments recognized in the Professorships, and who cannot produce satisfactory certificates of moral conduct.
- (4) No Scholarship shall be awarded to any candidate who shall not have made at the examination so per cent. in two Departments. For the purpose of this examination the subjects indicated by asterisks shall be taken to be Departments.
- (5) In arriving at a decision on the merits of the candidates the following shall be assigned as full marks in the various subjects named; but no subject shall count in which less than 25 per cent. shall have been obtained; and subjects limited to those making up 800 marks.

Greek100	1
Latin	(
English Literature	
Divinity	2000
Mathematics	
Chemistry	
French	
German	*
Surveying, &c100	

The McCawley Scholarship.

This Scholarship is given out of the interest of a fund raised by subscription for a Testimonial to the Rev. G. McCawley, D.D., on his retirement from the office of President.

- (1) The competition shall be confined to matriculated undergraduates who have completed their first year of residence.
- (2) The examination shall be conducted by the President, assisted by such other person as the Governors shall appoint for the time being, either within or without the University, as assessor.
- (3) The examination shall be confined principally to such classical works as the President shall have appointed at the beginning of Michaelmas term preceding, and shall include the translation, grammatical construction and relation to the context of the passages selected, together with such critical papers in prose and verse as may be set at the examination.
- (4) The examination shall be subject, in respect of the number of marks required, to the general regulations of the University with reference to prizes and scholarships.

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(5) In the event of there being no competition, or on failure in the examination, the year's interest shall be expended in the purchase of classical books for the library from a list selected by the President, having in view in the first instance the completion of a collection of the works of all the classical authors, and of the best editions of the respective works, whether English or Foreign, and also of books illustrative of the same, at the discretion of the President.

(6) This Scholarship shall be competed for in the Lent term.

The Haliburton Prize.

This Prize consists of a sum of not less than \$20 guaranteed by the President and Executive Committee of the Haliburton. The amount of the sum may be at times increased by individual subscriptions. The Essays are to be handed into the Secretary of the Haliburton on or before the 1st of June, and will be submitted to examiners appointed by the

The Akins' Historical Prize.

T. B. AKINS, Esq., D. C. L., Barrister-at-Law, and Commissioner of Public Records, has vested in the Governors, as Trustees, a sum of money sufficient to found a Prize of Thirty dollars annually, for the best Paper or Essay on the County History of Nova Scotia, embracing matters derived from all local records and traditions relating to the early and progressive history of each County. The Essays must be given in to the Secretary of the Governors on or before the 1st of June, 1891. The decision on the merits of the Essays to rest with the Governors, or such persons as they may appoint, and to be announced at the Encenia.

Each Essay to be distinguished by a motto, and to be accompanied by a sealed paper, bearing the same motto on the outside, and containing the

The Essays, when handed in, are the property of the College.

Subject for 1891:—Districts of Stewiacke, in Colchester Co., and Upper Musquodoboit adjoining.

Bishop Binney Reponsions Prize.

(\$20,00.)

Founded by Mrs. Binney in memory of the late Visitor.

This Prize is given to the Undergraduate who shall pass the best examination in Responsions.

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The Cogswell Cricket Prize.

CHARLES COGNMELL, Esq., M.D., made a donation of \$400 to the Governors of King's College, the interest of which is to be expended in the purchase of a set of Cricket Bats, Balls, &c., to be given to the best player mong the winning party of a Cricket Match, to be played annually on he College ground some day in the months of June or October. "The bject of the donation is to promote the health of the students, and encourage them in the prosecution of their studies." (N.B.—Day not now ixed.)

SUCCESSFUL COMPETITORS.

	OPPONENTS.	VICTORS.	PRIZEMEN.
1858 1859	Halifax Club	Halifay Club	J. O. Ruggles.
1860 1861	Halifax Club	King's College Halifax Club	W.H.E.Bullock
1862 1863 1864 1865	H. M. S. Duncan	King's College	Lynch & Milner
1867 1871 1872	H. M. S. Royal Alfred College School Acadia School.	College School	
1873 1874 1875 1876 1877 1878	H. M. S. Royal Alfred H. M. 87th Regt	Royal Alfred	
1879 1880 1881	H. M. 101st Regt Lorne Club, Halifax	Lorne Club	
1882 1883 1884	Graduates' Team	King's College Northampton Wanderers	J. W. Calder. Capt. Fawkes.
885	Collegiate School	Collegiate School Graduates' Team	M. L. Wilson. Rev. H. How.
887	Graduates and Coll. School	Graduates and Coll. School	Rev. R. Raven. W. H. Snyder.
889 890	Conegrate School	King's College	G. F. Thomson. G. F. Thomson. Rev. Dr. Cogswell

EXPENSES.

Board and attendance, 33 weeks at case			
Board and attendance, 33 weeks at \$3.30 Room Rent, 3 terms Chapel, Road and Stationery Expenses. Fuel and Light, about Library Fee Gymnasium Fee, per Term \$1.50	3 00		
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Table of Fees and Dues.			
FOR STUDENTS NOT NOMINATED.			
Matriculation, (payable in advance) Tuition, each Professor, per term	2 00 4 00		
N	10 00		
Degree of B. A. 10 c classes are attended, per term 10 c c None of the above are required from Nominated Students.			
THE FOLLOWING ARE PAYABLE BY ALL.			
Degree of M.A., B.Sc., B.C.L	12.00		
Any higher Degree	12 00		

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Degrees of B.E., B.Sc., B.C.L		
Degree of M.A. SAny higher Degree.		
S. C. O. M.A.	12	00
Any higher Degree		-
Any Contide - Section	12	00
Any higher Degree Any Certificate from the Registrar Every instrument under the seal of the University.	20	00
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Statutes if passed.		

Only two meals are furnished, at 8 a.m. and 6 p.m. Those who require lunch can obtain it from the Steward, at 10 cents per lunch, in the Com-

mons Hall.

The rooms are unfurnished, so that a small outlay is required at entrance, to be made by each Student so as to suit his own means and tastes.

When two students live together, which is the usual arrangement, the expense for fuel and furniture is greatly diminished, and the cost of Board, &c., in College may be set down at about \$4 per week.

The Bursar will draw at sight on the parents or guardians of all Students whose bills have not been paid seven days before the end of the current term.

NOMINATIONS.

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		List of Nomination Certificates now in force.
0.	6.	Rev. Henry SternsTusket.
	7.	Andrew M. Uniacke London.
	10.	William Cunard, EsqLondon.
	15.	Board of Governors, K. C. W. Halifax.
	23.	William Hare, Esq. England. John H. Harvey, Esq., Samuel A. White, Esq.
	33.	The Rector, Cornwallis & HortonCornwallis. Richard Starr, Esq
	34.	St. Luke's Parish, Annapolis Annapolis
	40.	William Cowie, Esq., Alex. Cowie, Esq.,
	44.	Rev. Richard J. Uniacke, Hon. W. J. Almon, Richard Brown, James Murray, Jr.,
	4 5.	The Rector and Churchwardens of St. James' Church, PictouPictou.
	48.	Hon. R. B. DickieAmherst.
	49.	Edward P. Archbold, Esq Halifax.
	53.	nector and Wardens of Trinity
		Parish, in trust for the School. Liverpool
		Liisha Kandali Feo
į	59.	Charles Leaver, Esq., Wm. S. H. Morris, Esq., and Rector of Trinity Parish,
6	8.	Admirel Boyfold
		Admiral Bayfield

	Col. Poyntz		
No. 78	Isaac Bonnet, Esq., Windsor.		
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	(wames Thorne, Esq.,	N.	o. 102.
" 7 9	Daniel Hodgson, Esq.,		
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	Charles Palmer, Esq., Charlotte'n, P. E. I	11	103.
" 80	Theophilus DesBrisay, Esq., Wellington Nelson, Esq.,		
00	Daniel Davis Fee		
	Albert H Votos E-		104.
" 82.	a. Hon. William J. Almon		106.
" 84.	Charles Cogswell, EsqLondon.	ic	107.
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97.	James Murray, Jr. Yarmouth.	"	114.
	Benj. St. C. Purdy Esq. M.D Amherst.		115.
. 00	The Rector of St. John's D	"	116.
98.		"	117.
	Diowne Pso	"	118.
	Rev. Dr. Nichols,	"	119.
99.	Francis W. Colling, Esq., Mrs. Margaret Morse, Henry G. Fanish, F.		
	Henry G. Farish, Esq.,		
100.	Rector and Wardons G. D.		
101.	Rector and Wardens, S. Peter's Ch. Weymouth.		
	Rev.R. Avery, Incumbent S. Mary's. Aylesford.		

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		Rev. Richard Simonds Dorchester, N. B.
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A		Charles E. Ratchford, Esq., Amherst, N. S. J. W. Delaney, Esq.,
lotte'n, P. E. I		James F. Cochran, Esq Newport.
	103	Juon. A. M. Coenran,
		Alex. Cochran, Esq., Mrs. Clementine Cochran,
α	" 104.	Chas. Wilcox, Esq., Executor, &c., Windsor.
X		(Mrs. Sarah F. Almon, Extr. &c., Stellarton
ax.	" 106.	J. C. Haliburton, Esq., Ex'tr. &c. Halifax
on.	" 107.	Charles Frederick Fraser, Esq "
	" 109.	The Rector, Warden and Vestry of
x.		the united Parishes of S. George
		and S. Patrick Shelburne
	, 110	Jedediah A. Shaw Windows
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		Hon. L. E. Baker,
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ester.	" 113.	Thomas C. Moody, Yarmouth.
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t.		J. W. Moody,
ith.	" 114.	Alexander Holden
t.	115.	J. Arthur WhitfordBridgewater.
0.	" 116.	Peter Lynch, Executor
	" 117.	Hon. Judge Townshend
	" 118.	
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The following is the form of Nominations for a Student to pass through the University, free of Fees, and must be addressed to the Secretary of the Board of Governors:

То.....

Secretary of the Governors of King's College Windsor.

I hereby nominate (A. B.) to pass through the University, free of fees. except Library Fee, by virtue of certificate No....., held by me.

In case of a joint certificate, the above forms must be complied with, and the same must be signed by all the holders.

Each nominee is exempt from the payment of yearly fees amounting to \$90 for the three years' course, besides the fee for a B. A. Degree. If a scholarship is held besides, nearly the whole cost of the education will be covered.

CONDITIONS ATTACHED TO THE NOMINATION CERTIFICATES.

- 1. That on death or transfer the certificate is to be delivered up, and a new certificate obtained. Fee \$2.
- 2. That the right of nomination belongs to the executors, administrators, or assigns of the original holder, and not to the heirs.
- No nomination will be accepted which is not signed by the person or persons in whose name or name the certificate is registered.

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THE UNIVERSITY LIBRARY.

The foundation of the Library is due to the efforts of the first Bishop of Nova Scotia, and may be placed in the year 1790. Several contributions in money had previously been received, but it was not till that year that efforts were made to obtain books.

The original fund at the disposal of the Governors was not more than £250 sterling, and was intrusted to Mr. Inglis (afterwards Bishop), son of the Bishop, and a graduate of the University, who repaired to England in 1800, for the purpose of purchasing books. The names of Dr. Moore, Archbishop of Canterbury, Dr. Porteous, Bishop of Rochester; William Wilberforce, Sir S. Bernard Morland, John Eardly Wilmot, M. P., and others, thus became connected with the early history of the Library.

Munificent gifts from the University of Oxford continued to increase the value of the collection, which was further enriched by gifts from various English gentlemen, and from others settled in Nova Scotia.

The room in the College building set apart for many years for a Library Hall, was completed in 1810 at the expense of Sir Thomas Strange and the Archbishop of Canterbury.

Subsequently valuable works were presented by Drs. Bayard and McCulloch, and by the Society for Promoting Christian Knowledge.

Among later benefactors may be mentioned Dr. Greswell, of Worcester College, Oxford; The Smithsonian Institute; The British and Foreign Bible Society; The Dean and Chapter of Westminister; T. B. Akins, Esq., D.C.L.; The Society of Incorporated Alumni of King's College; E. Binney, Esq.; C. Cogswell, Esq., M. D.; The Dominion Government; The Radical Bay Club; The Haliburton Club; The Secretary of the Interior, United States; American Institute of Mining Engineers; The Royal Society; The Religious Tract Society; The Rev. George

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McCawley, D.D.; The late Rev. Canon Hensley, D.D.; General Sir W. F. Williams, K.C.B.; The late Bishop of Nova Scotia; The Right Rev. Dr. Rigaud, late Bishop of Antigua; The Rev. George Morris; The late Rev. G. W. Hodgson, M.A., and Her Majesty the Queen.

This large collection of books, now numbering about 9000 volumes, contained till the year 1870 in a single room in the College Building, was then removed to the new Hall specially built for the purpose and presented to the University by the Incorporated Alumni. It contains a large number of standard works of reference in Theology, which is by far the richest department in the Library, and a fair selection of the great Greek and Latin Classics.

In modern History and Belles-Lettres it is very poorly supplied.

In Science some recent standard works have from time to time been added, and, next to Theology and Classics, this is the largest department. The languages of Modern Europe are not so well represented.

In spite of many blanks, the Library is one of the largest in the Province, and contains all the elements requisite for making it a thoroughly well appointed and efficient Reference Library.

There is no special Library Fund except the fee from students, and the collection can only be increased by grants of money from the Governors, the occasional lapsing of the Welsford prize money, and the benefactions of friends of the University.

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THE MUSEUM.

NATURAL HISTORY.

GEOLOGY AND MINERYLOGY.

The Geological Specimens, many of which are very fine, illustrate the most prominent features of general Geology, but the majority have been collected in Nova Scotia, and are especially adapted to show the character of the Fossil Flora and Fauna of the Province. There are several collections, which may be discriminated as follows:—

- 1. The W.B. Almon's Collection, presented over forty years ago by Mrs. W. B. Almon, of Halifax, contains, with many minerals and a few shells, a considerable number of rock specimens and a few fossils, chiefly from Scotland, collected by the late W. B. Almon, M. D.
- 2. The Governors' Collection consists of coal fossils obtained in 1860, at the expense of the Governors of the College; these were collected by Professor How, with the valuable assistance of a party headed by Richard Brown, Sr., Esq., then agent at the Sydney Mines, who from long study was familiar with the district. Many of the specimens are exceedingly fine, and some are of large size.
- 3. The Almuni Collection consists of Silurian and Devonian, Fossils, chiefly from Arisaig, N. S., collected, named and arranged stratigraphically by Dr. Honeyman; purchased and presented in 1861 by the Alumni of King's College.
- 4. The Australian Collection consists of specimens obtained through Colonel Nelson, in 1863, from Sir William Dennison, then Governor of New South Wales, in exchange for Nova Scotian specimens from the College Cabinet, sent by Professor How. It contains some beautiful fossils, and is arranged stratigraphically; its value is increased by an accompanying large detailed colored section made by the Government Examiner of Coal Fields under instructions from Sir W. Dennison.

- 5. A collection of British Fossils, chiefly Silurian and Devonian, obtained through Dr. McCawley in exchange for Nova Scotian specimens sent by Professor How from the College Cabinet, in 1860, to Captain, now Sir James, Anderson.
- 6. A collection from Europe, illustrating chiefly the nature of crystalline and sedimentary rocks, purchased by the Governors.
- 7. Several collections, some of which are unnamed, and single specimens, given and obtained by exchange at various times; of these it will suffice to name: Reptilian Tracks of great geological interest presented by the widow of their discoverer, the late Dr. Harding; valuable Fossils, chiefly carboniferous, presented by H. Poole, Esq.; Silurian Fossils from Arisaig, presented by H. Hill, Esq., Sheriff of Antigonish; Coal Plants from Cumberland County, presented by Rev. Mr. Townshend, Rector of Amherst; Cretaceous Fossels from England, presented by C. B. Bowman, Esq., and Dr. Honeyman; Silurian and Carboniferous Fossells of Nova Scotia, from Professor How; Rocks and Minerals from the Dominion Government; Devonian Corals of Ontario and Canadian Rocks from Professor Spencer.

The Mineralogical specimens represent the most important species of Minerals,—some of them are of great beauty. They consist of those in the collection of Zeolites collected at the expense of the Governors, and of various others obtained by gifts and exchange, as mentioned with regard to the geological department. Sir Rupert George; Rev. Dr. Robertson, Rector of Wilmot; H. Brown, Esq., Director of the Geological Survey of Victoria, formerly a distinguished student in Science at this College; Rev. J. Ambrose; Rev. J. C. Cochran; C. B. Bowman, Esq.; J. Bowman, Esq.; Rev. D. W. Pickett; Hon. W. Odell, and Professor How, have presented interesting specimens.

ZOOLOGY.

The Willis Collection consists of specimens fully illustrating Nova Scotia Mollusca, named, arranged, and presented by J. R. Willis, Esq.; a collection from the U. S. Government.

The department is further illustrated by a collection of foreign shells, some interesting skulls and skins, and a limited number of preserved animals. The contain and Cogswe

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BOTANY.

The Cogswell Herbarium, bound in five imperial folio volumes contains a fine systematically arranged collection of Phœnogamous and Cryptogamous Plants of Great Britain, presented by Dr. Cogswell.

The Gossip Herbarium consists of a small number of Scottish Plants presented by Dr. Gossip.

The Willis Herbarium consists of Nova Scotia Algæ and Terrestial Plants, presented by J. R. Willis, Esq.

The Strange Herbarium consists of a considerable number of East India Plants, presented in 1805, by Sir T. Strange.

The Ball Herbarium of Nova Scotia, consisting of about 250 species, presented by Rev. E. H. Ball.

There are also a few woods, barks, leaves and fruits—from various sources—presented by C. B. Bowman, Esq., Hon. W. J. Almon, M. D., and other benefactors.

THE GENERAL COLLECTION.

The General Collection consists of various curiosities from different parts of the world, and a small but choice cabinet of coins. Other interesting curiosities are the beautiful Indian Pipe from Queen Charlotte's Island, the models of the leaning Tower and the Baptistry at Pisa, and the memorials of Gens. Williams and Inglis, which include the sword worn by the former throughout the siege of Kars, and that used by the latter during the defence of Lucknow. There is also a model of the Cawnpore Memorial Cross, formed of wood from the house in the courtyard of which the women and children were massacred.

The College possesses also a number of autographs of royal and distinguished personages; one of Thomas Moore, the poet, inscribed in a copy of Lucian, presented by him on the occasion of his visit.

The Coins illustrate the Numismatic of Rome, and most of the countries of the modern world.

The different departments of the museum are arranged in twenty-four flat cases, supported by the balustrade surrounding the gallery, and five large table cases all glazed and provided with lock and key. The large specimens which could not be conveniently placed in cases are arranged on shelves or distributed in different parts of the hall.

The friends of Science in Nova Scotia and elsewhere are respectfully requested to contribute specimens to the Museum of King's College. The steps which have been lately taken by the Governors to provide suitable cases for the arrangement and display of the contents of the Museum in the fine Hall erected at the expense of the Alumni, offer a guarantee that the liberality of donors will be carefully recognized and fully recorded.

A superb collection of Loyalist China, over three hundred pieces, arranged in three cases, was presented by Judge and Mrs. Weldon, on the 79th anniversary of the landing of the Loyalists in New Brunswick.

In the library, in addition to a number of Photographs, there are several large Oil Paintings—including those of the late Drs. McCawley and Cochran, Rev. Charles Porter, A.M., and of Paul Mascarene. There are also marble busts of General Williams and of Cicero and Demosthenes.

It is particularly requested that donors will send their contributions of Books, Coins and Curiosities addressed to the *Librarian* and of Natural History specimens to the *Natural History Curator*, King's College Museum, Windsor, N. S., in order that the receipt may be duly acknowledged and the donations recorded in the yearly Calendars as heretofore.

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EXAMINATION PAPERS.

McCAWLEY, 1890.

Examiner Rev. Canon Partridge, D D.

LATIN TRANSLATION.

- State the general design of the De Oratore, with an account of the personages of the dialogue. Whose opinions are they supposed to represent? What is the scope of the first book? What the scene of the disputation?
- To what period of Cicero's life is the work to be probably attributed? Point out the benefits to be derived from its study.
- Translate Chap. VIII. from quid enim to the end. Note carefully
 any technical terms and explain them. Parse all irregular verbs
 and nouns. Also Chap. XII. from quis enim nescit to end. Comment on quae, nisi qui naturas. Parse the regular verbs.
- Translate Chap. XX. from beginning to incitaret. Then from artem vero—copiose dicere. Compare all adjectives, giving their corresponding adverbs.
- Select what you consider the most eloquent passage in Book I., and render it as eloquently as you can into English.
- 6. What is the subject of Virgil, Book VI.? Give a general outline of its contents.
- Translate from line 125, tunc sic to 155, aspicies. Explain bis videre, \$\(\delta_c\), line 134; junoni infernae, 138; incestat funere classem,
 1. 150. Parse thoroughly sate, evexit, juvat, decerpserit, viribus, pecudes, vivis.
- Describe the various persons seen by Æneas as soon as Cerberus is passed, and admission gained.
- Translate line 656, constitit 665, vitta. Derive and parse pæana; parse vescentes; explain plurimus Eridani amnis; parse passi; translate 679, at pater—702, simillima somno; parse 682, recensebat, tetendit, ora, tueri, rebarque; explain sale Tyrrheno.
- Translate 779, videri—alta tenentes; 787, explain Berecynthia mater; also, Garamantas et Indos; 794, translate 804, nec qui—terra; explain the allusion; translate 893, sunt geminae—end; explain cadenti—elephanto.

SIGHT TRANSLATION-LATIN.

Humano capiti cervicem pictor equinam, Jungere si velit, et vario inducere plumas, Undique collatis membris, ut turpiter atrum Desinat in piscem mulier formosa superne, Spectatum admissi risum teneatis amaci ? Credite, Pisones, isti tabulae fore librum.

Persimilem, cujus, velut ægri somnia, vanæ Fingentur species; ut nec pes, nec caput uni Reddatur formae,—pictoribus atque poets Quidlibet audendi semper fuit æqua potestas,— Scimus, et hanc veniam petimusque damusque vicissim; Sed non ut placidis cœant immitia; non ut Serpentes avibus geminentur, tigribus agni.

Maxima pars vatum, pater et juvenes patre digni, Decipimur specie recti; brevis esse laboro, Obscurus fio; sectantem lenia nervi Deficiuht animique; professus grandia turget; Serpit humi tutus nimium timidusque procellae. Qui variare cupit rem prodigaliter unam, Delphinum silvis appingit, fluctibus aprum, In vitium ducit culpae fuga, si caret arte.

LATIN PROSE.

The love of a mother is never exhausted; it never changes it never tires. A father may turn his back on his child, brothers and sisters may become inveterate enemies, husbands may desert their wives, wives their husbands, but a mother's love endures through all. In good repute, in bad repute, in the face of the world's condemnation, a mother still loves on, and still hopes that her child may turn from his evil ways and repent. Still she remembers the infant smiles that once filled her bosom with rapture, the merry laugh, the joyful shout of his childhood, the opening promise of his youth, and she can never be brought to think him all unworthy.

I never spoke the word "farewell," But with an utterance faint and broken; A heart-sick yearning for the time When it should never more be spoken. Μή θο έφ' οἰς ἀν ἀττα ἐρεῖι Εὐ γὰμ ἡ ὑμᾶς ἀντ δύναιτο.

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SIGHT TRANSLATION-GREEK.

Μή θορυβείτε, ὧ ἀνδρες 'Αθηναίοι, ἀλλ' έμμείνατέ μοι οἰς ἐδεήθην ὑμῶν μὴ θορυβείν ἐφ' οἰς ὰν λεγω ἀλλ' ἀκονειν· καὶ γάρ ὡς ἐγὼ οἰμαι ὁνήσεσθε ἀκονοντες. μελλω γὰρ οὐν ἀττα ἐρεῖν ὑμῖν και ἀλλα, ἐφ' οἰς ἰσως βοήσεσθε· ἀλλὰ μηδαμῶς ποιἔιτε τουτο.

GREEK.

- What is the place of the "Antigone" in the circle of the plays of Sophocles? Compare her character with any in the English drama.
- 2. Contrast the characters of Antigone and Creon. To what do you ascribe the popularity of this play both in ancient and modern times?
- Translate-Chorus 332 πολλά τὰ to 362 ἐπάξεται. Parse πέλει, ἰλλομένων, ἀδμῆτα, ἡνεμόεν, ἐπάξεται.
- 4. Translate 581 'Ενδάμωνες to 592 ἀκταί. Parse σεισθη, ἐπιδράμη ἐρπον. Also 604 τεαν Ζεῦ, to 625 εκτὸς ἀτας. Note any departure from ordinary forms and give their equivalent form in Attic prose.
- Translate 891 & τύμβος to φρονδυσεν ἐν 904. Parse and compare πλεῖστον. What
 is the force of κατ in κάτειμι. Analyze and explain κάπετυμβίους χοὰς.
- 6. What is the aim of Plato's Republic? How would you describe Plato's style? Compare the work with any similar one.
- 7. Sketch the character and method of Socrates as delineated in Book I.
- Translate 329 A. Έγω σοι έφη το συγγίγνεσθαι. Decline the singular and plural
 of γήρως.—the singular of σφίσιν. Parse ἀιτίασθαι, ἐπεπόνθη. Decline singular
 and dual of ἀλλοι πάντες. Parse ἐφη.
- 9. Translate 348 Β, Ἰθι δή το ἀποτέμνονται, λέγειν. Derive and parse λυσιτελεστέρου. Principal parts of ήδιστε. Parse ἐνέθειαν.
- Translate 344 D, ταῦτα εἰπὰν to end of E, ἐιδέναι. Parse ἐιασάν. Account for second accent ἐδεόμην, μαθεῖν. Decline singular and plural of ὁνδὲν. Conjugate ἐοικας.

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HISTORY AND GEOGRAPHY.

GREECE.

- Into what general periods would you divide the History of Ancient Greece? Outline them briefly.
- 2. Who were Draco and Solon? Sketch their legislation. Give an account of
 - (1) The Archons.
 - (2) Amphictyonic Council,
 - (3) Court of Areopagus.
- Give an account of Philip of Macedon, and of Demosthenes. What are the principal works of the latter?
- Who and what were the following:—Aristotle, Euclid, Theocritus, Archimedes, Strabo, Apelles?
- Draw a map of Ancient Greece, dividing it into provinces. Indicate
 the mountain ranges, rivers, and capes. Place the following
 islands:—Corcyra, Lemnos, Cythera, Naxos, Tenedos, Zacynthus.

ROME.

- 6. Trace the course of the second Punic War, with an account of the principal persons connected therewith. How did it end, and what were the terms of peace?
- 7. Who were the Gracchi? Give an account of the Jugurthine War.
- 8. Who were Lucretius, Tibullus, Nepos, Varro, Phædrus.
- Draw a map of Ancient Italy, marking rivers, capes, bays, and locating Ravenna, Ostia, Tibur, Præneste, Scylla, Charybdis, Capreæ, Brundusium.
- 10. What was the origin of the Greek stage? Trace its development. What is the chief difference between the ancient and modern drama? Describe a Greek theatre.

CLASSICS.

B. A. Degree Examination, 1890.

Examiner..... REV. CANON PARTRIDGE, D.D.

LATIN.

What is the probable date of the production of the Heautontimoroumenos? To what period in the life of Torence is it to be attributed? What is its object? Give a sketch of the rise of Roman Comedy, and state under what influence it appears.

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- Translate Act IV., Scene 2. Explain "infortimium," "latere tecto," "hercle." Parse fallit, resciscat, tecto, comminiscar, egero.
- Translate Act. IV., Scene 6. " Nullast-exearnifices." V., Scene I, from ego me to ita rem esse. Explain terms adjutor monitor, præmonstrator. Explain Voltus-scelus 15.
- Translate Act V., Scene 5. Explain firmas 4, sparso ore 18.
- What is the subject of the Germania? What is the benefit of familiarity with the writings of Tacitus, and for what is he specially studied? State what are some of his peculiarities of style.
- Translate Chapter 17, parsing the irregular verbs, and comparing all irregular adjectives and adverbs.
- Translate Chapter 29, to animantur. Draw a map, filling in the tribes and places mentioned in this Chapter.
- Distinguish between Quum with indicative and with subjunctive, giving rules and examples. Translate the phrases ex sententia; solus fecit; Actum est de Republica; Vereor ut veniat; Macte virtute esto; Inter sementem. Exemplify the different ways of expressing the imperative.
- Illustrate the Roman method of reckoning money. What are the divisions of the Roman Calendar? Express in Latin: The 16th of May; The twenty-third of June; Caius was born on the first of August.
- Translate into Latin: "Instead of reading, he is at play." "Hardly anybody knows." "I go to consult a lawyer." "He is too proud to lie." "I do not like to be abused." "Some fool or other."

Note.—Questions 8, 9, 10 to be answered first.

LATIN PROSE.

Farrar's Life of Christ.

effects of the work of Christare, even to the unbeliever, indisputable and historical. It expelled cruelty; it curbed passion; it branded suicide; it punished and repressed an inexcusable infanticide; it drove the shameless impurities of Heathendom into a congenial There was hardly a class whose wrongs it did not remedy. It rescued the gladiator; it freed the slave; it protected the captive; it nursed the sick; it sheltered the orphan; it elevated the woman; it shrouded as with a halo the sacred innocence, the tender years of the child. In every region of life its ameliorating influence was felt. It changed pity from a vice into a virtue; it elevated poverty from a curse into a beatitude. It sanctified marriage from little more than a burdensome convention, into little less than a blessed sacrament. The believer finds in that life a perfect example; in that death an infinite redemption.

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SIGHT TRANSLATION.

Mart Ep. x. 47.

Vitam quæ faciunt beatiorem, Jucundissime martialis, hæc sunt : Res non parta labore, sed relictæ; Non ingratus ager, focus perennis; Lis nunquam; toga rara; mens quieta; Vires ingenuæ; salubre corpus; Prudens simplicitas; pares amici; Convictus facilis; sine arte mensa; Nox non ebria, sed soluta curis ; Non tristis torus sed tamen pudicus : Somnus qui faciat breves tenebras : Quod sis, esse velis, nihilque malis; Summum nec metuas diem, nec optes.

GREEK.

- 1. Give a brief outline of the life and writings of Sophocles. What is the placeof the Antigone among his tragedies?
- 2. What is the moral philosophy exhibited in this play?
- 3. Translate 1-10. Parse ζώσαιν, θείναι, κεισήκουσας, στείχουτα, λάνθανει. Translate 582-614 Εὐδαίμονες to ἐκτος ἀτας. Parse σεισθη, ἐπιδράμη, βρέμουσιν, τέτατο. Explain πανταγήρως, μαρμαρόεσσαν.
- 4. What was the peculiar office of the Chorus in a Greek play? What were the accessories used by the characters?
- 5. What are the characteristics of Thucydides as a historian? At what period of Grecian history did he live? What is the scope of the present book?
- 6. Translate Ch. 47. Parse ἐτελέντα, ἡγειτο, ἐδέουν, εγκατασκῆψαι, ἀνωφελῆ. Translate Ch. 49, as far as μεγάλης. Derive and explain φλόγωσις, πταρμος, χολης.
- Translate Ch. 84, ἡλπιζω γὰρ to τῆς 'Αχαίας' Parse καλλίστην, κατῆει, διωθουντο. Explain and parse απειθεστέρας·
- 8. State and illustrate the use of: μèν and δè and of the particles joined with them. άρα and άρα; δία; adverbs ending in ατὶ; παρα, χωρίς.
- 9. Translate Demosthenes, Olynthiacs I., Section 14, τί οὖν τὶς ἀν εἰποι ταῦτα τελευτήσαι. Parse γνώτε, προίεσθαι, αντιληπτέον. A brief history of Demosthenes.
- 10. Translate Demosthenes, Olynthiacs II., Sections 9 and 10. καὶ μὴν εἶ τιςφιλίππω. Parse προειληφέναι, συστή, καταρρεί, ὑποθέσεις. When and under what circumstances were the Olynthiac Orations delivered.

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HISTORY AND GEOGRAPHY.

- 1. Give an account of the struggle between the Patricians and the Plebeians. How long did it last? How end? What was the effect of its result on the History of Rome?
- 2. Write briefly the stories of
 - (a) Coriolanus,
 - (b) The Fabii,
 - (c) Cincinnatus.
- 3. Describe the new Code, and the Office of the Decemviri. What were the Licinian rogations?
- Draw an outline map of Italy, carefully distinguishing (1) the provinces; (2) the promontories; (3) the principal cities. Locate the Bay of Cajeta, Gulf of Pæstum, Gulf of Tarentum, and Lake Trasimene.
- What are the great events connected with the names of Ægusa, Zama, Caunæ, Sentinum.
- Outline the portion of Ancient Greece, north of the Corinthian Gulf, giving the division into provinces, and the mountain ranges. Place Opus, Larissa, M. Othrys, Dodona.
- Where and for what noted are the following places:—Marathon, Delphi, Leuctra, Olympia, Mantinaa, Piraus.
- 8. Give a brief outline of the life and career of Alexander the Great. How was his kingdom divided after his death?
- 9 Describe the work and writings of Aristotle. What has been the influence of his philosophy upon the thought of the world?
- What occasioned the first interference of Rome in the affairs of Greece? Describe the downfall of Sparta and give date.

I. GEOLOGY.

Degree Examination.

Examiner...... H. Y. HIND, Esq., D.C.L.

- Construct a Table of the order of Succession of the Stratified Formations of the Earth's Crust,
- 2. In which of these Divisions are workable Coal deposits found? Which are the most productive in Petroleum? and which in common Salt? Enumerate the chief Coal, Petroleum and Salt producing Rocks in the Dominion of Canada, giving the Province or Territory where they are found?

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- Enumerate the leading types of Eruptive Rocks? Describe briefly
 the physical characters of some granitic and some trappean Rocks!
 Mention localities where illustrations of each kind may be found
 in Nova Scotia.
- Describe the Gold-bearing Rocks in Nova Scotia; also the structure of Auriferous Lodes.
- 5. Enumerate the characteristics of the Fauna and Flora of

(a) The Carboniferous System;(b) The Silurian System.

- 6. Construct a Sectional Diagram of the Country from Halifax to Cape Blomidon.
- 7. Give an outline of the Geology of Nova Scotia.
- 8. Draw a diagram showing one upthrow fault, with a trap dyke more recent than the fault.
- Describe some of the work of Ice in modelling the surface of the Earth's Crust.

II.

MINEROLOGY.

Degree Examination.

- Describe the apparatus and reagents commonly used in Blowpipe Analysis.
- Enumerate the different systems of Crystallization. Give the relation of the axes in each system. How may the Angles of Crystals be measured.
- Describe the leading physical properties distinguishing different minerals. Give a scale of hardness.
- 4. Draw a diagram of the Blowpipe Flame, State the application and use of its several parts.
- Name the commercially important ores of Copper. What are their common admixtures or associated minerals. What is "Gossan."?
- Describe the ores of Iron. In what form are the commercially valuable found in Nova Scotia. Give the localities of the most important workable deposits.
- 7. What is the Composition of
 - (a) Orpiment;
 - (b) Cinnabae; (c) Stibnite;
- (d) Calamine;
- (e) Cryolite; (f) Aragonite.

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III.

BLOWPIPE ANALYSIS.

The following minerals were submitted for Analysis:

Cryolite, Limestone, Galena, Peacock Copper Ore, Serpentine, Asbestus, Common Wood Ashes containing a small portion of Paris Green. The following minerals were required to be named on inspection and the application of the knife.

Magnitete, Labradorite, Ankerite, Grey Copper Ore, Albertite, Copper and Iron Pyrites, Grey and Blue Plaster, Selenite, Weathered Limestone.

FRENCH.

Degree Examination.

I

- (a) Translate:—Mérimée, Colomba, Chapter VIII., from Il fallut partir enfin.....vers les montagnes.
- (b) Translate:—About, La Mère de la Marquise, Chapter même où le marquis...... le bonheur de vivre.
 - Explain the difference between umener and emmener, porter and mener; Elle crut voir, translate and explain construction (a.)
 Les deux couples (b.)—Comment on the gender of couple in the above phrase. Les chaleurs accabiantes, parse accabiantes.
- (c) Translate:—Corneille, Polyeucte Act II, scene III. Je vous ai plaints tous deux.....pour m'épouser,
- (d) Translate:—Fréchette, Papineau, ce n'était pas la mort......
 parmi les siens.
 - Parse plaints and vus. Distinguish between venir à and venir de, vers and envers, tard and en retard (c.)
 - Scan the first three lines of the last stanza under question (d.)
 What is the fundamental difference between the flow of English
 and French verse.

II.

- How did the future and conditional forms arise in the Romance Languages? Give the first singular future of atteler, renvoyer, prèvaloir, entretenir, nuire.
- Prove on philological grounds that the apostrophe in grand'mère is unnecessary. What is the gender of abstract nouns in-eur of Latin origin? Give exceptions.

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- Give the plural of aide-de-camp, chef-lieu, tire-botte, tête-à-tête, passepartout.
- 4. Distinguish between the uses of ne and ne.....pas, oui and si, c'est and il est.
- Give the principal parts of repaitre, frire, vêtir, confire, vivre; and the 2nd person singular and plural indicative and subjunctive, of lier, mouvoir, suivre, acquerir.
- Translate into French:—The lawyers whom I heard plead understood their cases. I have rendered you all the services I could. They have injured each other.
- State rules for the reception of prepositions. Show by short sentences the difference between sur, dessus au-dessus.
- Give M. De Banville's definition of French verse. Say what you know of the regular French sonnet. What are Alexandrines?

SECOND SESSION.

I.

(a) Translate into French :-

Julius Cæsar.—The man who broke the military power of Gallia in an eight years' war has written the history of the war himself. He was a soldier in his youth like most Romans of rank, and he had been a governor in Spain shortly before he was consul. But it was not till after he was more than forty years of age that his military career commenced, and he obtained a field wide enough for his daring and capacious genius. It was Cæsar's ambition to conquer the Gauls and it was prudent policy in the Romans, for Italy was never safe so long as the restless and warlike men beyond the Alps were uhsubdued. The rapidity of Cæsar's movements, the immense extent of country over which his military operations extended, his battles, his sieges, his defeats, and his victories with their political consequences give to his work an untiring interest if we read it

with proper knowledge and in a proper way. (b) A Mutual Mistake.—

Two men were travelling in a stage-coach when one of them having missed his pocket-handkerchief rashly accused the other with having stolen it, but soon after finding it had the good manners to beg his fellow-traveller's pardon for the affront saying that it was a mistake; to which the other replied with great readiness and coolness, "Don't be uneasy; it was a mutual mistake you took me for a thief and I had taken you for a gentleman."

(c) Transl

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ne of them d the other ad the good the affront eplied with t was a muken you for (c) Translate the following Idioms and Proverbs :-

Il tondrait sur un œuf. Ce jeune homme a peu de moyens. Mes élèves ont fait l'école buissonnière. Qui veut la fin veut les moyens. J'ai donné un poisson d'avril à mon frère.—Out of sight, out of mind. Short reckonings make long friends. To kill two birds with one stone. A man's house is his castle. The more the merrier.

II.

- Give a short account of Clément Marot and the chief characteristics of his poetry.
- Comment on Saintsbury's criticism of Racine, and give your own opinion of Corneille as compared with Racine.
- By whom were the following works written? L'Ecole des Femmes, Phèdre, La Nouvelle Hèliose, Zaïre, Gil Blas, Lettres Provinciales.
- Give a sketch of French literature of the 19th century, the different schools and leading writers of the same in poetry, prose, and criticism.

LATIN.

Honour Examination.

Examiner REV. CANON PARTRIDGE, D.D.

- 1. What are the merits and demerits of Lucretius.
 - (1) as a poet,
 - (2) as a philosopher.
- Translate 110 Quâprius to 130 inesse. Corpore divino, &c. Against whom is this reasoning directed? Qui ratione suá—to whom does Qui refer?
- Translate 680 Crescere to 695 notarunt. Write explanatory notes on amfractibus, anni Nodus, cursu. What is the construction of medio cursu flatus. Note anything else unusual.
- Translate 96, Principio, to per auras, 115. Nam cadere aut, what is irregular here? Explain bruto 105, commeditatur 112, fragilis 112. What is the true order of construction in id quoque—per auras, 113, 115.
- Catullus de Acme et Septimio, translate. Give your opinion of this lyric. Amor sinister ante: There is a various reading—what? Translate Ad Sirmionem peninsulam.
- 6. Propertius I., VIII., translate. Who is Cynthia? What are the circumstances of the ode?

- Translate III. 2. Is this a fragment? Explain, line (2) atra dies.
 (4) docta puella (6). Is there any grammatical solecism in this sonnet?
- 7. Give some account of the rise of Roman oratory.
- 8. Who are the interlocutors in the DeOratore? Which of them is the mouthpiece of Cicero himself? What is the subject of the book?
 - Translate Ch. XXIV. 110-111. Explain a me promsisse. Translate Ch. XXVII. Tum to end of 124. In end of 123 suggest an amendment for timere.
- Chap. XLV. Translate from itaque to indicarem. Write notes on Catus, and criticize the phrase cum ingenio sibi auctore.

GREEK

- State briefly the object of the Rebublic of Plato, What is his answer, stated concisely, to the question τὸ δίκαιον ὁ τί ποτ' ἐστίν? Give an abstract of Plato's system of education.
- Who are the dramatis personæ of the Dialogue. What are its chief excellences? Show how far Plato accepts or otherwise the prevailing religion in his ideal of the State.
- Translate Book I, 343 A, Ἐπειδή οὐν ὡφελήσονται. Noting all grammatical peculiarities. Also Book IV. beginning, to φρουροῦντες, pointing out all unusual forms and accounting for them.
- 4. What are the general features of Pindar's poems? At what period did he live? How did his surroundings influence his works?
 - Translate Olympic I. to v. 21; II. 160—ἐπεχε to end; VIII. § 17, πτέροεντα; 43, ἐγένοντο, giving the subject matter of each ode.
- 5. To what class of literature do the writings of Theocritus pertain? What are their principal characteristics? To what extent is he an imitator?
- Translate Ode I. 64-76; IV. 1-19; X. 18-23; XIX. 72-82; XXVIII. 15 to end, commeting on any syntactical peculiarities.
- Illustrate the use of πρίν,—1st, with different moods, 2nd, with different tense
 of the same mood.
- 8. What are the principal rules for Greek accentuation? Give the chief exceptions.

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ROMAN LITERATURE.

- Trace the beginnings of Roman Literature. At what period and from what source was it influenced from abroad? Mention the first national epic.
- Draw a contrast between Greek and Roman tragedy. Give some account of Ennius and his works.
- 3. Define "Satire." Who were the chief writers in its earliest form? Who was the creator of Latin prose? Give an account of any one
- What is the golden age of Roman Literature? Sketch the life of Cicero, with a list of his principal works. Criticize Cicero's style of oratory. Characterize his philosophical system.
- Name the chief Historical and Biographical writers of the golden age. Account for the fact that Republican Rome furnishes no Historian of the first rank. What are the characteristics of Cæsar's
- 6. Compare Sallust with Thucydides.
- 7. Describe the Mimes. Name two of the principal Mime writers. To what extent were Cicero and Cæsar poets?
- 8. Who was Lucretius? What was the condition of religion when he wrote? What is his great work? What models did he follow? What is the chief value of his poem to us?
- 9. Give an account of Catullus. Of what character are his poems? Name and describe two of his writings. What is his best and most finished rhythm? What position does he hold among Latin poets?

GREEK LITERATURE.

- What form do the oldest efforts of Literature always take? What
 are the earliest Greek examples? Describe them, and trace the
 course of Greek Literature to the decay of tragedy.
- 2. Give an outline of the transmission of the Homeric poems. How do you account for the divergences of places and of date of Homer's birth? Give some account of Greek criticisms or editions of the poems.
- Trace the rise and progress of lyric poetry, with the most conspicuous examples. Criticize the poems and style of Pindar.
- State what you know of the tragedy of the Greeks previous to Æschylus. Describe a Greek theatre, especially

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- 5. Outline the life of Euripides. Give a list of his chief plays. Compare him with Æschylus. Describe any one of his tragedies as fully as you are able.
- 6. From what place are the earliest practical developments of Greek Oratory to be traced? Illustrate the rise of political oratory before Demosthenes. What do you know of Gorgias and Antiphon?
- Sketch the life of Thucydides. Argue for the value of his writings
 as history, and against. What do you think to be some of the
 most striking passages in his History of Peloponnesian War.
- 8. Estimate the place of Plato in the philosophical development of Grecian Literature. What are his principal works? Give some account of the ore which you suppose to be the most important.
- ⁶ 9. What materials do we possess for contributing a life of Demosthenes? Of what character are his speeches? Sketch the circumstances which gave rise to the *Philippics*. What event was the culminating point of his career, and what great battle crushed his hopes and his policy? To what do you attribute his commanding influence?

DIVINITY EXAMINATION.

BIBLE HISTORY.

Examination for B. A. Degree.

- Discuss the word "Day" of the Mosaic account of Creation, in connection with Geological discoveries.
- Into what three parts may the life of Moses be divided? Length of each? Give a sketch of the scene at the "burning bush," and reconcile Moses? "I am not eloquent," with St. Stephen's "Mighty in words and deeds."
- Comment upon the words, "New king over Egypt who knew not Joseph."
- 4. What was the great promise made to Abraham? Point out how the subsequent history of the Jews tended to its fulfilment.
- Give an outline of the life of Jacob, and comment upon his character giving particular attention to the fact of his being preferred to Esau.
- Give the dates of the entrance of the Children of Israel into Egypt, and of their Exodus, and reconcile your answer with a prophecy concerning the length of the sojourn in that country.

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- Relate the circumstances which led to the "wanderings" of the Children of Israel, and mention the principal events of the period occupied thereby.
- 8. Describe the taking of Jericho. What curse was pronounced with regard to re-building it? How was it fulfilled?
- 9. Relate the circumstances which led to the disruption of the Kingdom.
- By whom and under what circumstances was the Book of Deuteronomy composed? Give a general analysis of its contents.
- "We heard of the same at Ephratah and found it in the woods."
 Write a brief account of the events here referred to.
- Give the length of Asa's reign. His character? Name some of his contemporaries in the sister kingdom.
- 13. Give the name and fate of the last King of Judah. What prophecy was fulfilled in his case?
- 14. Write out the names of the Minor Prophets in the order in which their books occur in the Bible, and mention the period during which each one prophesied.
- 15. Quote the prophecies concerning the coming of Christ, which occur in the Pentateuch.
- Who or what was:—Naboth, Shechinah, Ahithophel, Shimei, Nehushtan Urim, and Thummim, Zerubbabel, Sabbath day's journey, Shew Bread, Sanballat.

GREEK TESTAMENT.

- Sketch the theory of the School of Textual Criticism represented by Westcott and Hort.
- State some reasons against giving Cod. N and B overwhelming authority in determining the true text of the N. T.
- Write what you know of the History of the "Peshito," and the "Vulgate," and discuss their bearing upon the subject of textual criticism.
- 4. Suppose a particular passage is omitted in N. C³, D, L, S, in 15 Cursives, many old MSS of the old Latin, the Cureton and some Coptic versions, and retained in B, C, a number of Uncials, nearly all the Cursives, some old Latin MSS, in the Vulgate and Peshito. Should you, on these grounds, reject or admit it? Give reasons for your answer?
- 5. What are the Canons of "Internal evidence"?

- Give reasons why Conjectural Emendation, though employed in Classical Authors, should not be permitted in the case of the text of the N. T.
- Mention the principal theories regarding the origin of the Gospels
 and say which you consider the most probable, fortifying your
 answer by references (a) To the books themselves, (b) To early
 Christian writers.
- Give the date at which each Gospel was probably written, and state the design and characteristic of each writer.
- Mention (a) An event recorded only by St. Matthew; (b) A miracle
 and a parable only by St. Mark; (c) An event, parable and miracle
 only by St. Luke; (d) Any miracles recorded by all four.
- 10. By which Evangelists is the healing of the blind man near Jericho recorded? Are there any differences in the narratives? If so, mention and discuss them?
- 11. One of the greatest of our Lord's miracles is recorded only by St. John. Which? How is the omission by the Synoptics accounted for?
- 12. Translate: (1) Μή ὁδυ μεριμνησήτε. (2) Μήτι συλλέγουσιν άπο άκανθῶν σταφιλῆν ή ἀπό τριβόλων σύκα. (3) ἐἀν θέλης δύνασαί με καθαρίσαι. (4) ἐκεὶ ἐσται ὁ κλανθῶν και ὁ βρυγμός τῶν ὁδόντων. (5) γένεσθε ὁῦν φρόνιμοι ὡς ὁι ὁφεις και ἀκέραιοι ὡς αὶ περιστεραί. (6) οἱ τα μαλακα φορούντες. (1) Κύλήσαμεν ὑμῖν και οἰκ ὡρχήσασθε. (8) ἀρκετὸν τῆ ἡμέρη ἡ κακὶ αἰτῆς. (9) οἱ δὲ ἐννέα πον; (10) καὶ ἐκ τοῦ πληρωηστος ἀντοῦ ἡμἔις παντες ἐλάβομεν και χάριν ἀντι χάριτος.
- 13. Translate into the original Greek:—(1) Ye are the salt of the earth. (2) Let your light so shine before men. (3) Strive to enter in at the straight gate. (4) Let him take up his cross and follow me. (5) The word was made flesh. (6) Ye must be born again. (7) He that believeth not shall be damned.
- 14. Mention the circumstances which led to the utterance of the parable of the "Labourers in the Vineyard." Comment upon it.

PRAYER BOOK.

- Give the names of the principal ancient Liturgies. Mention some features which are common to all, and the significance of such agreement. How do you explain the differences between them?
- What service books were used in the Medieval English Church, and what portions of our Prayer Book were derived from each of them, respectively?
- Give the dates of the various Revisions of the Prayer Book, and point out the chief differences between the Prayer Book of 1549 and the one now in use.

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- 4. What are the objects of Public Worship as enumerated at the beginning of Mattins and Evensong? Point out how these objects are kept in view in the order for these services.
- 5. From what offices of the Medieval Church were Mattins and Evensong derived? Point out the appropriateness of the "Venite," "Te Deum," "Benedictus," Magnificat," and the "Creed," in the positions which they occupy in these services.
- Say what you know about the history of the "Te Deum," giving an
 analysis of this hymn, and mentioning any mistranslations which
 occur in our Prayer Book version of it.
- "Neither confounding the Persons, nor dividing the Substance." Give an account of the formulary in which these words occur and state the heresies against which they protest.
- Explain the repetition of the Lord's Prayer in certain of our services.
 Mention places where it occurs with the Doxology, where without,
 giving reasons for the difference.
- What portion of Scripture forms the Gospel for "Trinity Sunday"? Shew its connection with the subject of the day.
- 10. "Thou the anointing Spirit art, who dost Thy seven-fold gifts impart." In what services do we find those words? Illustrate them by a collect from the Confirmation service.
- Give in your own words the statements made in the Preface to the Ordinal.
- 12. What is the teaching of the Prayer Book with regard to Baptism, Holy Communion, Confirmation, The Ministry. Illustrate your answer by quotations from the Prayer Book.
- 13. (a) "Prophecy according to the proportion of faith." (b) "Let all things be done decently and in order." Shew how the principles here expressed are admirably carried out in the Prayer Book system.
- 14. Explain the force of the prepositions in the following expressions:—
 "Lord of Lords"; "God of God"; "Father of Heaven"; "By Thine Agony and Bloody Sweat."

PALEY'S EVIDENCES.

- What does Paley say with regard to the probability of a Divine revelation to mankind, and how does this point bear upon the subject of miracles?
- Give Hume's statement regarding miracles, and our author's refutation.

- Explain fully the purpose for which Paley endeavours to prove that the first teachers of Christianity underwent difficulty and danger in the pursuit of their object.
- Shew that from the nature of the case the establishment of Christianity was likely to be attended with suffering and peril to the early promulgators.
- Point out how the conclusion as to what was likely to happen referred to in last question corresponds to (a) Christ's words, (b) Apostle's writings; (c) Heathen Writings; (d) New Testament History.
- Shew the probability that the story advanced by the first teachers of Christianity and for which they suffered, was a miraculous one.
- State the general considerations advanced by Paley to prove that the story we now have recorded in the Gospels, is the same as that published by the first Christians.
- Give an argument of Paley's founded on the language and style of the New Testament.
- 9. With what intention does the author make his "Eleven Allegations"?
- 10. In the case of alleged miracles what characteristics will prevent them from having the same claim upon our belief as those of the Gospel? Explain in this connection the miracles said to have been wrought at the tomb of the Abbé Paris.
- 11. What does Paley mean by the "Candour" of the New Testament writers? Give instances, and state the significance thereof.
- Answer the assertion that if a revelation were really divine, all would be convinced of its truth.

DIVINITY.

APOLOGETICS.

B. D. Degree.

- Cumulate and concentrate into an argument the reasons for belief in the Being of God.
- 2. Give an account of the principal atheistic theories. How would you meet an Agnostic ?
- What place do miracles hold in the Christian argument. State th latest form of the orthodox position on the miraculous.

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- 4. Formulate the argument fully from the sinlessness of Christ.
- How would you state the case for Christianity as resting upon the authenticity and genuineness of St. John's Gospel.
- 6. Argue for Christianity as compared with other religions.
- Christianity is adapted in an eminent degree to the necessities of human nature.
- Give some account of Tertullian, and outline the scope and contents of his book de Idololatria.
- 9. Translate Chap. VII., noting any peculiarity of diction or unusual expressions.
- 10. Translate Chap. XXII.

OLD TESTAMENT.

B. D. Examination.

1ST EXAMINATION.

- Give a broad analysis of Kings I. and II., showing what other books of Scripture are co-temporary, and should be studied with them.
- What generally speaking is the design of the books, and what special work do they perform in preparing the Way of Christ; Sustain Augustine's argument, "In Vetere Testamento Novum latet," with reference to these books.
- 3. Locate on a map the frontiers of Solomon's Kingdom. How far were the people out side the 12 tribes subject to Solomon? Give your ideas from these and contemporary books on the—
 - (a) Commerce, (b) Architecture, (c) Music, (d) Literature, of Solomon's day.
- 4. Give briefly the divisions of the Psalms. What marks the close of each? Assign the period to the last Book. What Psalms in this book belong to David, if any? Is the division into Books Scientific? Give your reasons. What have you to say of Psalm CVIII as regards its origin?
- 5. How do you characterize Psalms CXX—CXXXIV and why?
- 6. Criticize the inscription of Psalm CX. Argue pro and con its Messianic interpretation, Which verse contains the central revelation of the Psalm? Connect it with the New Testament.

- 7. Argue for the Unity of the Book of Daniel. The Hebrew and Chaldee portions are from the same writer; if so why the variation in language? Write a note on the musical instruments mentioned in Daniel III.
- Comment on the Insanity of Nebuchadnezzar. Account for the "Wealth of Miracle" displayed in book of Daniel.
- The book of Daniel must have been written much later than is usually stated: because of
 - (a) later doctrines and practices mentioned in it;
 - (b) Words and idioms employed. Dispose of these two objections.

N.B.—Special Value assigned to Questions, 2 & 9.

OLD TESTAMENT.

B. D. Examination.

2ND EXAMINATION, 1ST GROUP.

- Give a brief sketch of Book of Ruth. What place does it occupy in the Economy of Redemption? Who is its author? What its Date? How is it historically important?
- 2. Translate Ch. I. verses 14—18. Comment on יבמתן.
 - Mark and explain any unusual expressions or grammatical peculiarities. Reconcile the apparent discrepancies between the account of the Genealogy at end of Ch. IV. and others.
- 3. What was the condition of the people when Isaiah prophesied? Shew that this period was a remarkable epoch in (a) the history of Israel, (b) in the world at large.
- 4. Argue for the unity of authorship of the whole prophecy.
- Answer the assumption, "It is inconceivable that God should communicate
 to man any foreknowledge or prevision of future events."
- Translate Ch. I.; 24-28. Write a note on v. 27. Translate Ch. II., 3. 4. 18. 20-22. What is the force of the plural noun with singular verb in 18? Explain 22. Has this prophecy (12—end) been fulfilled?
 Ch. IV. "11—17.
- 7. Translate Ch. vii. 10—16. Comment on בית דור in v. 13. העלמה v. 14. Shew the double fulfilment of these prophecies. Translate Ch. ix.
 - 1-7. Explain : ביום כורין v. 4. Also v. 5. Write note on אל גבור
 - and איביער What peculiarity in ילָםרבה; What is the meaning of it?

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- 9. Translate into Stre Hebrew perpetua και ατιζομ
- 10. Translate Authorsi V. 10.

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8. Outline very succinctly the origin, value, and authenticity of the LXX. Is it ever employed in the New Testament and by whom? A most scholarly English bishop, now deceased, recommended its study to his clergy in preference to the Hebrew of Old Testament. Give your view.

9. Translate Psalm xxix. Explain ἐξοδίου σκηνής, in the title. Divide the Psalm into Strophes. How do you account for the variation of the lxx from the Hebrew in v. 1. "ἐνέγκατε τῶ κυρίφ" υἰοὺς κριῶν. How is this variation perpetuated in the English versions? Explain "Yiol Geov." Write note on κατατιζομένου έλάφους v. 9; and on ὁ ἡγαπημένος v. 6.

 Translate Ps. xli. How does lxx get the title ἐις τὸ τέλος. Argue for Davidi⁰ Authorship. Illustrate πτωχὸν καὶ πένητα, (Heb. אָלְ־דָּלָ) from the Litany V. 10. How far is this verse prophetic?

ECCLESIASTICAL HISTORY AND PATRISTIC LITERATURE.

D. D. Degree, 1890.

... REV. CANON PARTRIDGE, D.D.

PAPER No. 1.

- 1. Account for the General Councils being held in the East. State in condensed form the issue at stake in the Co. of Nicæa. What is the historical importance of Arianism?
- 2. Who were the most distinguished leaders of Christian thought at this period? Give a sketch of any three of them. What is the origin and the philosophy of the 'Ομοούσιον ?
- 3. What is the subject of the Tom. ad Antiochenos? Translate Ch. VII., to τῶν οὐρανῶν. Of the Ep. to Epictetus? Translate Ch. V. to γνωρίσματα. Ch. X. to καὶ ὕδωρ.
- 4. Outline the circumstances and the discussions which gave rise to the Lib. de Incurn. What was the central point at issue, and how is it met in the treatise? To what period in the life of Athanasius is it to be attributed?
- 5. Define the term "Schoolmen." Give a general estimate of their intellectual greatness. How would you describe the effect of their work on the philosophy of Christianity?
- 6. What position does St. Anselm take among them? Who were his principal predecessors?
- 7. Outline the treatise "Cur Deus Homo." What has been its influence?
- 'S. Give some account of S. Thomas Aquinas and of his principal work. How do you account for the substitution of the Aristotelian for the Platonic philosophy in the middle ages? Outline them both in the conflict of Nominalism and Realism.
- 9. The Scholastic power declined. Why?

SECOND PAPER.

- What do you understand by the period of the Caroline Divines? Indicate
 the transition from Reformation to Restoration Theology, and describe the
 elements at work during the reign of James I. to consolidate the Church.
- 2. What celebrated treatises appeared towards the close of the sixteenth century? What was the influence of the "Lambeth Articles" on the progress of advancing thought?
- 3. The Canons of 1604—by whom compiled and from what sources? What is their authority now?
- Who were the following, and for what noted?:—Cosin, Sanderson. Gauden, Walton, Barrow, Bull, Andrews.
- 5. Describe the Latitudinarians, and account for the growth of their opinions? What were the real services rendered to the Church by the Nonjurors?
- 6. What are the characteristics of Jeremy Taylor's writings? Name his principal works? What is the value of the "Ductor Dubitantium? Analyze Book I.
- 7. Institute a comparison between Taylor, Sanderson, and Hammond.

OLD TESTAMENT.

D. D. Degree.

Examiner Rev. CANON PARTRIDGE, D.D.

FIRST PAPER.—THE PSALMS.

- What is the earliest specimen of Hebrew poetry? Analyze the artificial arrangement of Hebrew poetry, giving examples where possible.
- Trace the formation of the Psalter and its division into books. What is the critical value of the Inscriptions or Titles? Give some account of Authors. other than David.
- 3. Psalm viii. Explain על־הותית. Translate 1—5. Write notes on v. (2) מעט כאלווים (5. Compare the A. V. and shew its origin. Psalm xxiii. Translate. At what period of David's life written. Why: Comment on בנאות השאות בנאות השלח.
- 4. Argue for the Unity of Pss. xlii. xliii. and for Davidic authorship. Translate xlii. vv. 5-10. Explain * CYU in xliii. 2.
- 5. Who were the Sons of Korah. What is the precise significance of אָבֶנִי לְבִנִי לִּבְיִי לְּבִנִי לְּבִנִי לְּבִנִי לְּבִיי לְבִּיי לְבִיי לְּבִיי לְבִּי לְבִּי לְבִּי לְבִיי לְבִּי לְבִי לְבִּי לְבְּיִי לְבִּי לְבִּי לְבִּילְ לְבְּילְ לְבִּילְ לְבִּילְ לְבְּילְ לְבִּילְ לְבְּילְ לְבִּילְ לְבְּילְ לְבְילְ לְבְּילְ לְבְּילְ לְבְּילְ לְבְּילְ לְבְּילְ לְבְּילְ לְבְּילְ בְּילְ בְּילְם בְּילְ בְּילְם בְּילְם בְּילְם בְּילְם בְּילְם בְּילְם בְּילְם בְּילְם בְּבְּילְם בְּילְם בְּילְם בְּיבְּילְם בְּיבְּיבְים בְּיבְים בְּיבְּים בְּיבְים בְּיבְּים בְּיבּים בְּיבְּיבְּיבְּיבְּים בְּיבְּים בְּיבְיבְּים בְּיבְּים בְּיבְּים בְּיבְּים בּיבְּים בּיבְים בּיבְּים בּיבְּים בּיבְּים בְּיבְּים בְּיבְים בְּיבְים בְּיבְּים בְּיבְּים בְּיבְים בְּיבְּים בְּיבְים בְּיבְים בְּיבְיבְים בְּיבְים בְּיבְיבְיבְיבְיבְּיבְים בְּבְיבְיבְיבְיבְּיבְיבְיבְיבְיבְיבְּיבְיבְיב

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6. Psalm CX. Dispose of the theory that this Psalm has for its subject David, or Hezekiah. Also combat the objection that when our Lord directly refers it to David as the author, he was not necessarily endorsing the Davidic authorship, but only accommodating himself to the belief of his day.

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Translate the Psalm, noting any extraordinary expressions or grammatical forms.

- Explain "Songs of degrees." Which Psalms are included under this name.
 What is the LXX. equivalent. Translate Psalm CXXX. Write notes on
 the difference of Titles in v. 3. Explain verse 4. What is the force of
 the inf. abigl. in second half of v. 7.
- Closing your Bible, write out, if short, your favorite Psalm; if long, the
 portion of it you love most, in the Hebrew.

9. Supply the vowels to, and translate the following passage. ברוך אתה זי אלהינו ואלהי אבותינו אלהי אברהם יעחק וועקב האל הגדל הגבור והנרא אל עליון גמיל חסרים טבים וקנת הכל וזוכר חסדי אבות ומביא גואל לבני בויהם למען שמו באהבה אתה בחרתנו מכל העמים אהבת אותנו ורממתנו מכל הלשונות:

OLD TESTAMENT.

SECOND PAPER.

- Estimate the gains and losses attendant on the Higher Criticism of the O. T., so far as at present manifest.
- 2. Sum up the results of most recent theories of Mosaic Authorship of the Pentateuch.
- Translate (1) I. Sam. vi. 19, 20; (2) II. Kings viii, 26; and (3) II. Chron. xxii. 2. In reconciling the last two texts, write a note including (1) on apparent incredibility of Hebrew numbers.
- Discuss the period and authorship of the Book of Job. What is its purport?
 Translate Chap. xix. 23—27 לייות!
 בחקלי בייות!

Also do. xxix. 11—16 אַרְקְרָהָוּ . . . כִּי אָלוְןּ do. do. xxx. 9—12 אַרָּהָרָהָ

5. Distinguish between the following expressions:

- דין . משפט . עדת . פהודים . תורה

6. Give some account of the prophet Jeremiah. What are the characteristics of his style, and what the peculiarities of his diction? How do you designate his temperament? Translate Ch. x. verses 10, 11, 12, noting anything unusual. Translate Ch. xxii. verses I3-19. Discuss any grammatical peculiarities.

- Comment on the various words for "prophet," and the nature of prophetic function. Can you account for the neglect of the study of the minor prophets!
- Take one of the minor prophets, whichever you prefer, and give an account
 of its author, date, canonicty, and analyze its contents.
- Translate three passages of not less than three verses each, as idiomatically
 as possible, from the didactic chapters, from the prophet selected in Ques. 8.

ROMAN LAW.

- Compare "Law of Nations," Law of Nature," and "Natural Equity." in their origin and relations to each other.
 - 2. Outline the Roman Law of Contract.
 - When did Criminal Law originate? What was the Questia Perpetua? Into what four stages did the history of Criminal Law divide itself?
- 4. How do you account for the disappearance of the death penalty from republican Rome ?
- 5. Describe the services of Justinian in the codification of Roman Law. What were the materials used by him?
- 6. What is the connection between Civil and Canon Law?

PLANE TRIGONOMETRY.

Pass Paper for Degree B.A.

 If D, G, C be respectively the numbers of degrees, grades and units of circular measure in an angle, shew that

$$\frac{d}{90} = \frac{g}{100} = \frac{2c}{\pi}$$

- Determine the values of the six principal trigonometrical ratios for an angle of 60° and an angle of 30° (without the tables.)
- 3. Trace the changes in the sine of an angle as that angle varies from 0° to 360° .
- 4. Find sine and cosine of 18° (without tables.)

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5. Find A in the expression 2 Sin A = \tan A. Also in the expression Sin $(A+x)=\cos{(A-X)}$

6. Prove $\frac{\tan A + \tan B}{\operatorname{Col} A + \operatorname{Col} B} = \tan A \tan B.$

Also $\tan 2 A$ — $\tan A = \frac{2 \sin A}{\cos A + \cos 3 A}$

7. Define the logarithm of a number to a given base. Prove that log. 1 to any base = 0; and that the log. of any power of a number is equal to the log of the number multiplied by the index of the power.

 Find from the tables Log tan 23° 24′ 25″, and the angle whose log sine is 9.246179.

 In any triangle the sides are proportional to the sines of the opposite angles. Prove this in the case of an obtuse angled triangle.

10. Being without the means of observing angles and wanting to find the distance from a point A, on a river side, of a point P, on the far side of the river, I measure a base A B = 500 yards. From A and B, and in the lines PA, PB, produced, I measure AC and BD, each = 175 yards. I also measure CB = 500 yards and DA = 650 yards. Find PA.

11. From the top of a hill I see before me in the same line in a level plain two milestones. I observe the angles of depression to these to be 5° and 15°, respectively. What is the height of the hill above the plain?

EUCLID.

Pass Papers for Degree B. A.

- Describe a triangle whose sides shall be equal to three given straight lines, any two of which are together greater than the third.
- 2. If a side of any triangle be produced, the exterior angle is equal to the two interior and opposite angles, and the three interior angles of every triangle are together equal to two right angles.

Divide a given straight line into two parts so that the rectangle contained by the whole and one of the parts shall be equal to the square of the other part.

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- 4. If, in a cirle, two straight lines cut one another, the rectangle contained by the segments of the one is equal to the rectangle contained by the segments of the other. Prove this in the case where one line passes through the centre and cuts the other not at right angles, and in the case where neither line passes through the centre.
- 5. Describe a circle about a given triangle.
- 6. The sides about the equal angles of equiangular triangles are proportionals; and those which are opposite to the equal angles are homologous sides, that is, are the antecedents or consignents of the ratios.
- The rectangle contained by the diagonals of a quadrilateral figure inscribed in a circle is equal to both the rectangles contained by the opposite sides.
- Any side of a triangle is greater than the difference between the other two sides.
- Given the base, the angle opposite to the base, and the perpendicular from the vertex to the base of a triangle, construct that triangle.
- 10. If an equilateral triangle be inscribed in a circle and chords be drawn from each of its angles to any one point in the circumference of the circle, then that chord which falls within the triangle shall be equal to the sum of the other two chords.

Note.—Symbols may be used in writing out the demonstrations.

ALGEBRA.

Pass Paper for Degree B. A.

1. Define G.C.M. and L.C.M. Find G.C.M. of $5x^3 + 22^2 - 15x - 6$ & $-7x^3 + 4x^2 + 21x - 12$. Find L.C.M. of $4(a^2 + ax)$, $12(ax^2 - x^3)$, & $18(a^2 - x^2)$.

2. Simplify

$$\left(\frac{a}{b}\!+\!\frac{b}{a}\right)\,\left(\frac{c}{d}\!+\!\frac{d}{c}\right)\!-\!\left(\frac{a}{b}\!-\!\frac{b}{a}\right)\,\left(\frac{c}{d}\!-\!\frac{d}{c}\right)$$

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21x—12. x²). 3. Solve the following equations:-

(1.)
$$(12 + x) = 2 + x$$
.

(2.)
$$ax = by : x + y = c$$
.

(3.)
$$2x + 4y = 1.2 : 3.42 - 0.2y = 0.11$$

(4.)
$$\frac{1}{x} + \frac{1}{y} = a : \frac{1}{x} + \frac{1}{z} = b : \frac{1}{y} + \frac{1}{z} = c$$

$$(5.) \quad 4x^2 - 4x = 80.$$

(6.)
$$x^2 + y^2 = 41 : x - y = 1$$
.

(7.)
$$x + y = 5 : x + y = 5$$
.

4. Multiply

$$x - 2(xy) + y$$
 by $x - y$.

5. Divide

$$x^2 - 16y^2$$
 by $x - 2y$.

6. Extract the square root of

$$\frac{x^2}{y^2} + \frac{y^2}{x^2} - \frac{x}{y} + \frac{y}{x} - \frac{13}{4}$$

7. Reduce the following fractions to their equivalents with rational denominations:—

$$\frac{3}{\sqrt{5-2}}$$
 : $\frac{3/5+3}{\sqrt{5-3}}$

- 8. When are quantities said to be in Arithmetical, Geometrical, or Harmonical Progression?
- 9. Expand $\left(1+\frac{x}{2}\right)^{6}$ & find the coefficient of x^{5} in $(a-x)^{9}$.
- 10. Form the equation whose roots are 3, -2, and 7.

ANALYTICAL GEOMETRY AND CONIC SECTIONS.

Pass Paper for Degree B.A.

1. What are meant by the rectangular, and polar coordinates of a point in a plane? How will the signs of the former vary?

- Find the equation to a straight line. What does this
 equation become if the line passes through the origin of
 the co-ordinates?
- 3. Find the angle included between the lines whose equations are 1 + 3x + 2y = 0 : 3 + 2x 3y = 0.
- 4. Find the polar equation to a straight line. What will that equation become if the proposed line be at right angles to the initial line?

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1. (a.)

(b.)

- Find the equation to a circle when referred to rectangular axes; if the origin be at the extremity of the diameter, and that diameter the axis of x, what does the equation become?
- 6. Define the Parabola. Find its equation. What is the latus rectum of the Parabola.
- Define the Ellipse; Find its equation. Express the distances of any point in the ellipse from the foci, in terms of its abscissa.
- 8. Find the formula for determining the area of an Ellipse.
- 9. Define the Hyperbola. Find its equation. What is its
- 10. By what equation may every Conic Section be represented? In what case will it represent a hyperbola, an ellipse, or a parabola?

PURE GEOMETRY.

1st B. E. Examination. Easter, 1889.

EUCLID-BOOKS I.-VI., AND BOOK XI.

- 1 If a straight line be bisected and produced to any point, the squares of the whole line thus produced, and of the part of it produced, are together double of the square of half the line bisected, and of the square of the line made up of the half and the part produced.
- If a straight line touch a circle, and from the point of contact a straight line be drawn cutting the circle, the angles which this straight line makes with the tangent are equal to the angles in the alternate segments of the circle.
- 3. Give Euclid's definition of four proportionals and shew that if four magnitudes A. B. C. and D. fulfil these conditions the Algebraical equation of $\frac{A}{R} = \frac{C}{D}$ is satisfied.

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Define duplicate ratio and state its Algebraical equivalent

Shew also, Algebraically, that if four magnitudes be proportionals, then the first, together with the second, is to the second as the third, together with the fourth, is to the fourth.

- 4. Shew that similar triangles are to one another in the duplicate ratio
- 5. In equal circles, the angles, either at the centres or the circumferences, have the same ratio to one another as the arcs on which they
- 6. How is the inclination of a straight line to a plane determined? How the inclination of a plane to a plane? Define a pyramid and
- 7. Shew that if a straight line stand at right angles to each of two straight lines at the point of their intersection, it is at right angles to the plane in which they are.
- 8. If a straight line be divided in medial section, the greater segment will be similarly divided by cutting off from it a part equal to the lesser segment.
- 9. The perimeters of similar rectilineal figures or polygons are to one another as their homologous sides, or homologous diagonals, or
- 10. Construct a rectilineal figure similar to given rectilineal figure and having a given ratio to it.
- 11. Let A. B. C. D. and E. be the angles of a regular pentagon, join A. and C., and prove the straight line A. C. parallel to E. D.
- 12. The plane angles by which every solid angle is contained are together less than four right angles.
- 13. The squares of the four sides of a trapezium are together equal to the squares of its two diagonals, and four times the square of the straight line which joins the points of the bisection of the diagonals.

ALGEBRA AND THEORY OF EQUATIONS.

1st B. E. Examination, Easter, 1889.

1. (a.) $x^{\frac{1}{4}} + 5x^{\frac{1}{2}} - 22 = 0$. Find x.

(b.) $x^2 + xy + 4y^2 = 6$. Solve simultaneously.

2. (a.) Sum to 12 terms, 1, 13, 21, &c.

(b.) How many terms of the series, 3, 4, 5 must be taken to make 25?—give a full and complete answer.

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3. (a.) Sum to infinity $1 - \frac{1}{2} + \frac{1}{4} - \frac{1}{8}$, &c.

- (b.) Find a G. P. continued to infinity, in which each term is ten times the sum of all the terms which follow it.
- 4. (a.) In how many ways can a party of six take their places at a round table.
 - (b.) Write down the 5th term of (a2 b2)12.
- 5. (a.) Find the greatest term in the expansion of $\langle 1 + \frac{5}{7} \rangle$ = 3
 - (b.) Shew that if two Algebraical series in x are equal for all values of x, then coefficients of like powers of x are equal.
- (a.) Shew that if 'fx (an algebraical series in x) be divisible without remainder by (x a) then a is a root of fx = 0.
 - (b.) Let it be granted that every equation has at least one root—prove that an equation of the nth degree has 'n' roots.
- 7. (a.) Transform the equation $12 x^3 + 24 x^2 58 x + 25$ = 0 into one with roots each less by 5.
 - (b.) Deduce a method of transforming an equation into another with roots 'p' times as great.
- 8. (a.) Find by Horner's method a positive rod of the equation $x^4 + x^2 8x 15 = 0$.

Are there any indications of imaginary roots in this equation?

What is there at the outset to indicate the existence of real roots?

- 9. Determine the character of the roots of $x^4 4x^3 + 7x^2 4x + 1 = 0$.
- 10. Shew that $\operatorname{Log}_{b}^{a} = \overline{\operatorname{Log}_{b}^{a}}$

Shew also that in the common system of logarithms all numbers which are represented by the same series of digits (differing only in the position of the decimal point) will have, attached to their logarithms, the the same decimal part or mantissa.

11. Extract the square root of

$$\frac{y^2}{x} + \frac{x^2}{4y} + \frac{2y^{\frac{3}{2}} - x^{\frac{3}{2}}}{x^{\frac{1}{4}} y^{\frac{1}{4}}}$$

Also of $16 + 5 \int 7$

- 12. (a.) Shew that the sum of the digits of any whole number (expressed in the common scale) divided by nine or any factor of nine will leave the same remainder respectively as the whole number divided by nine or by the factor of nine.
 - (b.) Find by multiplying in the scale of 12 the volume of a right prism of brickwork the three dimensions of which are 11'.4½", 8'.6", and 3'.9".

PLANE TRIGONOMETRY.

, 1. Shew that the angle subtended at the centre of a circle by an arc equal in length to the radius is an invariable angle : express its magnitude in seconds.

Shew that $\operatorname{Sin}^2 A + \operatorname{Cos}^2 A = \operatorname{Sec}^2 A - \operatorname{Tan}^2 A = 1$

2. Deduce the following formula:

Sin A + Sin B = 2 Sin
$$\frac{1}{2}$$
 (A + B) Cos $\frac{1}{2}$ (A — B.)
Cos A — Cos B = 2 Sin $\frac{1}{2}$ (A + B) Sin $\frac{1}{2}$ (B — A.)

and prove the identity $\frac{\cos A - \cos 3A}{\sin 3A - \sin A} = \text{Tan 2 A}$.

- 3. In determining an angle from its sine when the value of that function was very nearly equal to unity, what precautions would you take and what formula would you make use of? State clearly your reasons for taking such precautions.
- 4. Deduce an expression for the cosine of half an angle of a triangle in terms of the sides of the triangle.
 - (or) a formula applicable to the solution of a triangle of which two sides and the included angle are known.
- 5. (a) If in a triangle A = 30°, b = 100. and a = 40 is there any ambiguity?
 - (b) If $\log a + 10 = \log B + L$ Sin, can the triangle be ambiguous?

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- 6. The sides of a triangle are 12, 15 and 9. Find the smallest angle, also the radius of the inscribed circle.
- Deduce expressions for the area of a sector and for the area of a segment of a circle.
- 8. From a station b at the base of a mountain its summit A is seen at an elevation of 60°; after walking one miletowards its summit up a plane, making an angle of 30° with the horizon to another station C, the angle B C A is observed to be 135°. Find the height of the mountain in yards.
- 9. A side of a base of a square pyramid is 200 feet, and each edge is 150 feet; find the slope of each face, having given

Log 2 = .30103.L Tan $26^{\circ}.33' = 9.69868.$ L Tan $26^{\circ}.34' = 9.69900.$

10. Show that the limit of $\frac{\sin \theta}{\theta}$ when θ is indefinitely dimin-

ished is unity; and that $m \sin \frac{a}{m}$ tends to the limit 'a' as m is increased without limit.

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SPHERICAL TRIGONOMETRY.

1st B. E. Examination. Easter, 1889.

- Shew that the angle subtended at the centre of a sphere by the arc of a great circle which joins the poles of two great circles is equal to the inclination of the planes of the great circles.
- Define the Polar Triangle and shew that the sides and angles
 of the polar triangle are respectively the supplements
 of the angles and sides of the primitive.
- 3. Deduce an expression for the cosine of half of an angle of a spherical triangle in terms of functions of the arcs forming the sides, and by reference to the polar triangle obtain from it another general expression for the sine of half of an arc of a spherical triangle in terms of functions of the angles.

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of a arcs trifor le in 4. The latitudes of two ports are 54° 14' and 46°, respectively, and their difference of longitude is 30°, find the distance in miles between them along an arc of a great circle, supposing the earth to be a sphere of 3956 miles radius.

5. In an equilateral triangle shew that

$$2 \operatorname{Cos}_{\frac{A}{2}} \operatorname{Sin}_{\frac{A}{2}} = 1$$

6. Two ports are in the same parallel of latitude, their common latitude being \(\foating \) and their difference of longitude 2 \(\hat{\chi} \); shew that the saving of distance in sailing from one to the other on the great circle, instead of sailing due East or West is

2 R
$$\langle$$
 d Cos λ —Sin⁻¹ (Sin λ Cos 1) \rangle

7. Give C = 61°. 4′. 56″. A = 40°. 31′. 20″. C = 90°.

 Obtain an expression for the angular radius of the small circle inscribed in a given triangle.

9. (a) Obtain an expression for the area of a spherical triangle-

(b) Quote Legendre's theorem with regard to the relation the angles of a spherical triangle bear to the angle of a plane triangle the sides of which are equal in length to the arcs of the spherical triangle.

10. If D be the middle point of the arc AB in a Spherical triangle A B C,

Shew that $\cos AC + \cos BC = 2 \cos \frac{1}{2} AB \cos CD$.

11. Shew that in a spherical triangle

$$\frac{\text{Tan } \frac{1}{2} (A - B)}{\sin \frac{1}{2} (a + b)} = \frac{\sin \frac{1}{2} (a - b)}{\sin \frac{1}{2} (a + b)} \cot \frac{C}{2}$$

and by reference to the polar triangle shew from this that

Tan
$$\frac{1}{2}$$
 (a — b.) = $\frac{\sin \frac{1}{2} (A — B)}{\sin \frac{1}{2} (A + B)}$ Tan $\frac{c}{2}$

NOTE-Questions 3 and 11 may be taken as alternative.

1st B. E. Examination. Easter, 1889.

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CONIC SECTIONS AND ANALYTICAL GEOMETRY.

Select 12 questions.

- Given the co-ordinates of a point and the equation to a straight line, find the equation to a straight line which passes through the point and is perpendicular to the given straight line.
- 2. Find by the Differential Calculus a general equation to the tangent to any curve, and apply the method to the determination of the equation to the tangent to the circle and the tangent to the ellipse—these curves being referred to rectangular co-ordinates with origin at centre.
- 3. Shew analytically that the rectangle under the segments of all secants drawn to a circle from a given point is invariable,
- Deduce the equation to the parabola. Shew also that tangents to a parabola at the extremities of a focal chord intersect at right angles in the directrix.
- 5 Express the length of the subnormal in the cases of the ellipse and the parabola. See that the former agrees with that of the circle when a = b.
- c. Shew that the locus of the extremities of the perpendiculars dropped from the foci of an ellipse upon the tangent is the circumference of a circle whose diameter is the axis major.
- 7. Draw two tangents to a parabola from an external point and shew that they subtend equal angles at the focus.
- 8. What are conjugate diameters of an ellipse? Given that the m^a of two conjugate diameters of an ellipse are always such that their product $=\frac{-b^2}{a^2}$ shew that the sum of the squares of any two semi-conjugate diameters is equal to the sum of the squares of the semiaxis.
- 9. The equation to the tangent to an ellipse in terms of its inclination to the axis of x being $y = mx + \sqrt{b^2 + m^2 a^2}$. What will the similar equation be in the case of the hyperbola? What also is the relation between the inclinations to axis of x of conjugate diameters of the hyperbola?

10. Determine the area of the ellipse.

11. Find the locus of a point the difference of whose distances from two fixed points is constant. Name the curve.

 Give some practical methods of describing both the parabola and the ellipse.

In the latter curve express the following distances in terms of the eccentricity and semi-axis major:—

Distances vertex to either Foci.
Distance Focus to Directrix.
Distance Focus to Centre.

Also express the eccentricity in terms of the semi-axis.

13. Find the locus of the middle points of a system of parallel chords to a parabola. By what name is this line designated? If the origin be transferred to the extremity of this line, a tangent at this point being taken as the new axis of x, write down the form the equation to the curve then assumes, and say what distances any constants which enter the equation represent.

14. The co-ordinates of the extremities of a straight line are 3, 4 and 6, 8. Find the equation to the perpendicular bisector of this line.

1st B. E. Examination. Easter, 1889.

DIFFERENTIAL AND INTEGRAL CALCULUS.

- 1. Shew that in the application of the calculus to the investigation of the properties of curves, the differential coefficient $\frac{\mathrm{d}y}{\mathrm{d}x}$ always denotes the coefficient of inclination of a tangent to the curve at the point (xy.)
- 2. What are you called upon to perform in the process of Integration? Give a reason for the use of the letter 'S' as a symbol to indicate this process. Deduce rules for the integration of an algebraical sum, and of an algebraical power (such as xⁿ) shewing how 'constants' may enter.

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3. (a.) Integrate ax3 dx. Work the following examples:

(b.)
$$\int (a - \frac{b}{x^3} + x^{\frac{3}{2}}) dx$$
.

$$(c.) \int \frac{3 x^4}{x^5 + a} dx.$$

$$(d.) \int \frac{\mathrm{dx}}{x^2 - 9}$$

(e.)
$$\int \frac{dx}{x^2 + 9x + 20}$$

- 4. Find the cylinder of greatest volume that can be inscribed in a right cone, the radius of whose base is 'r' and whose height is h.
- 5. Shew how the areas of curvilinear figures may be expressed by means of the calculus, and apply it to the determination of the area of the circle, making any remarks that are suggested on the "Definite Integral."
- 6. Work out the following :-

$$(a.) \int_0^1 x^n dx$$

$$(b.) \int_{0}^{\frac{1}{2}} \sin \theta d\theta$$

(c.)
$$\int \cos^2 x \, dx$$

(d.)
$$\int \mathbf{x} \times \mathbf{e}^{\mathbf{x}} d\mathbf{x}.$$

(e.)
$$\int \frac{2 a dx}{x/\overline{2 ax - x^2}}$$
 (f.) $\int \frac{dx}{\sqrt{a^2 - b^2x^2}}$

$$(f.) \int \frac{\mathrm{dx}}{\sqrt{\mathbf{a}^2 - \mathbf{b}^2 \mathbf{x}^2}}$$

7. Deduce a general integral expression for the length of a

1st B. E. Examination, Easter, 1889

DIFFERENTIAL CALCULUS.

- What is meant when one quantity is said to be a function of another? Give examples and define "Algebraic" and "Transcendental" Functions.
 - Explain the terms "variable," "dependent variable," "independent variable," "differential" and "differential coefficient."
- Deduce the rule for differentiating the product of two functions of the same variable and apply it to the expression x × Sin x.
- 3. Find $\frac{dy}{dx}$ in the following examples:

(a.)
$$y = {2 + 3x.}_{x^3}$$

(b.)
$$y = \frac{x}{\sqrt{1 - x^2}}$$

(c.)
$$y = a^{cx}$$

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(d.)
$$y = \frac{x^2}{(a + x^3)^2}$$

Deduce the differential coefficient of Sin x and of Tan x.

- 5. What is successive differentiation? Find the third differential coefficient of Log x.
- Assuming that y is a function of x which it is possible to develop in a series of ascending powers of that variable, shew that

$$\mathbf{y} = \left[\mathbf{y}\right] + \left(\frac{\mathrm{d}\mathbf{y}}{\mathrm{d}\mathbf{x}}\right)\dot{\mathbf{x}} + \frac{1}{2}\left[\frac{\mathrm{d}^3\mathbf{y}}{\mathrm{d}\mathbf{x}^2}\right]\mathbf{x}^2 + \frac{1}{1\times2\times8}\left[\frac{\mathrm{d}^3\mathbf{y}}{\mathrm{d}\mathbf{d}^3}\right]\mathbf{x}^3 \&c.$$

- The brackets employed above being intended to signify that in the general expressions which they enclose x is made equal to zero.
- Make use of the above to develop Sin x and Cos x in a series of ascending powers of x.
- 8. Deduce the rule for differentiating a power of any variable, such as y = xⁿ and shew how the same rule may be deduced from that for differentiating the product of any number of functions of the same variable.

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9.
$$y = \cos^{-1}x \text{ find } \frac{dy}{dx}$$

$$y = \cos \sin x \text{ find } \frac{d^3y}{dd^3}$$

$$y = \sin (1 + x^2) \text{ find } \frac{dy}{dx}$$

SURVEYING, &c.

1st B. E. Examination, 1889.

- Describe the Dumpy Level and its adjustments, permanent and temporary, and give a typical page from a field.
- 2. Read the Verniers of the Theodolite and Sextant before you. Explaining the principle of the vernier in each
 - Give an outline of the work involved in a traverse survey preliminary to any proposed continuous line of works—if it be for a line of railway state some of the most important considerations which will govern the alignment and the manner in which these will be kept in view during the whole course of the survey—mention some of the ways in which the minor details and the topographical notes of the country are collected.
- Return the amount of earthwork involved in executing the proposed cutting as an accompanying slip.
 - Deduce the Prismoidal Formula and mention some of the methods adopted in calculating volumes of earthwork in uneven and sidelong ground, with the precautions that should be taken.
- 4. Give two methods, one with angular instruments and the other without, for prolonging a station line beyond an obstacle that cannot be seen over.
- 5. Two straight lines intersecting in an angle of 36° 30' are to be connected by a 4° circular curve (i.e. a curve 100' of arc of which subtends an angle of 4° at the centre)—calculate the distances from the apex, of the beginning and the end of the curve, the length of the curve, and also the distance from the apex of its middle point—describe the field operation of setting out this curve.

- In setting out a 4° curve an obstacle is encountered blocking the way for 400'—how will you proceed.
- Calculate the area of land represented on accompanying slip by the figure A B C D E F.
- The following lines are run by compass from A to F, find bearing and length of line F A.

A to B	N 47° W	16.50
B to C	N 19° 5 E'	11.48
C to D	N 81° 5' W	15.53
D to E	N 24° E	9.02
E to F	N 75° 72'	14.00

DESCRIPTIVE GEOMETRY.

1st B. E. Examination. Easter, 1889.

- A right cone is cut by a plane parallel to a generatrix. Construct the curve of intersection.
- Show, how an angle measured in a plane inclined to the horizon by means of a sextant, may be reduced to the horizon.
- 3. Two planes are given by their traces, canstruct their angle of intersection.
- 5. The horizontal and vertical projections of a cone being given together with the projections of a point in the surface of the same. Construct the traces of a tangent plane to the cone at the given point.
- Place the accompanying figure in isometric and prepare perspective view of the same figure, situated with regard to the eye and the picture plane as described.

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HYDRAULICS.

2nd Examination for Degree B. E. 1890.

Examiner M. Murphy, Esq., D. Sc., Provincial Engineer.

- 1. A straight pipe one mile and 18" diameter with a total head of 20 feet will discharge water with a velocity of 4' per second; but it has been found necessary to introduce a bend of 90° with a radius of 5 feet. What addition must be made to the 20 feet head to compensate the additional resistance caused by the bend so that the required velocity of 4' per second may still be maintained.
- 2. A box shaped tube c t is 3 feet wide by .25 of a foot high and its length in the direction of c i or c e in which the water flows is about .62 of a ft. or about, 2½ times its least transverse dimensions or its height. The head from the centre of gravity c of the opening to the constant surface level s is 4 feet. What will be the velocity of water, and how much will be the discharge per second?
- 3. How much water will be discharged over a weir 60 feet long, the crest of which is level, smooth and 3 feet wide and over which the head is 8 inches ?
- 4. What fall per foot must be given to a rectangular canal 10' wide and having 3.5 feet depth of water to enable it to discharge 102.55.
- 5. Suppose a town contains 4000 people that can be supplied with water from a lake one mile distant having an elevation of 250 feet above the town; the gradients being favorable and allowing 60 gals, of water per capita per diam. What diam. pipe would give the required supply?
- 6. In the foregoing instance (5.) Assuming the rain fall to be 39 inches per annum, loss from evaporation and waste to be 19 inches. What area of water shed would be necessary to supply a reservoir with four months storage in case of protracted drought and what should be the capacity of the reservoir in cubic feet?
- 7. Take a cistern, say 80 feet deep, filled with water to be discharged through an arifice within one inch of the bottom. Explain the coefficients of discharge through arifices of circular form, of oval form and of square form respectively. Also what the discharge would be at \(\frac{3}{4} \) at \(\frac{1}{2} \) and at \(\frac{1}{4} \) the head respectively?

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OPTICS.

- An object of 100 of an inch in diameter is placed at a distance of 4" from a concave lens of 5" focal length. Find magnitude and position of image.
- A straight rod is dipped into water, making with surface an angle of 11°; what is the angle made with the surface by the image of the portion of rod which is under water?
- 3. In a Newtonian telescope, the focal length of the object speculum is 3 feet, the focal length of the eye glass is \(\frac{1}{3} \) inch; and the distance of the eye glass from the plane mirror is 3 inches; find the distance at which the plane mirror should be placed from the object speculum so as to view celestial objects.

HYDROSTATICS.

- If the area of a piston be 3 square inches, and if the pressure on it be 96 lbs.; calculate the pressure which will be transmitted to a surface of 1.75 square inches.
- If the diameter of A be 4 inches and if the pressure on it be 185 lbs.; what pressure will be exerted on B if its area be one square foot?
- A glass bottle has a volume of 4 cubic inches, calculate the weight of air it contains at the temperature of 65° and pressure 28.5 inches.
- 4. A Rubble wall 20 feet high spec. grav. = 2 butter of face 4" to 1'. What must be the thickness a be at base that the resistance of the wall shall be 1.5 times the overturning tendency of the water?

ASTRONOMY.

- Shew by diagram the relative positions of the stars in the constellation of the Great Bear twice in 23 hours 56 minutes when Alioth and Palaris come to the meridian at the same time and are in the same vertical plane.
- What is Kepler's third law and how was it subsequently made use of by Sir Isaac Newton ? Name Kepler's 1st, 2nd, and 3rd laws.
- 3. How can the distance of Jupiter from the sun be ascertained, the distance being so great that the earth would subtend an angle of less than 4" to a spectator on Jupiter, this being too small an angle to depend on for accurate determination of distance.

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INSTRUMENTS, ADJUSTMENTS OF

- Define, collimation and explain how you test this adjustment in a Dumsey Level.
- 2. Explain the different adjustments of the Y Level omitting the bubble adjustments.
- 3. Explain with the aid of a sketch the adjustment for the line of collimation in a Transit.
- Explain how you would adjust the telescope bubble tube so that when level it would be parallel with the line of collimation.

SURVEYING, FIELD WORK.

- Required the radius of a curved ruler for plotting a 3° 30' curve in plans of 400', 200', and 100 feet to 1 inch respectively.
- Given two tangents running from B to A and from C to A respectively and suppose some obstacle to intervene making the intersection at A inaccessible, show how the intersection angle at A may be obtained.
- 3. If a line of rails is laid to a true curve and the versed sine of a chord of 70 feet taken therefrom is 6 inches, what is the radius of curve and what is the angle of deflection between the tangent and a chord of 100 feet?

MENSURATION.

- Divide an equilateral triangle into two equal parts by a line parallel
 to a side.
- Suppose an equilateral triangle to contain an acre, what is the length of each side.
- 3. Two cross sections of a railway cutting are taken at two stakes 100 feet apart; the depths of cutting are 5 feet and 9 feet, respectively; the width of cutting at formation level or base of prism is 16 feet; the slopes are 1½ horizontal to 1 vertical. Give the contents of prism in cubic yards by the prismoidal formula.
- 4. The circular concrete pier of Victoria Bridge, Bear River, is a frustum of a cone; its base is 28 feet in diameter, its height is 28 feet, and it batters from base to top 1 foot in 8. What is its

MECHANICS (PURE).

1. Three forces equilibrate each other and are proportional to $\sqrt{3}+1$, $\sqrt{6}$ and 2. Find the angles at which they are inclined to each other.

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- 2. In the lever of the first order let the power be 217 lbs., the resistance 725 lbs., and the angle between them 126θ . Find the strain on
- 3. Suppose a man presses down with a force of 100 lbs., distant 4 feet from the fulcrum A. The moment of this pressure is 100 lbs. \times 4 feet or 400 lbs., and it acts with reference to the fulcrum towards the left. What is the weight that will just balance this moment towards the right with a lever of 6" or $\frac{1}{2}$ foot.
- 4. If the force required to draw a train of carriages on a level railroad be $\frac{1}{200}$ part of the load, find the force required to ascend a gradient of 1 in 56.

ON STRAINS.

- 1. Let the modulus of elasticity $E=24,000,000\ lbs$. How much will an inch stress of 5 tons stretch a bar of wrought iron whose length equals 10 feet?
- 2. Give formulæ for girders supported and loaded thus:-

Semi-girders loaded uniformily.

Girders supported at both ends and loaded at an intermediate point. Girders supported at both ends and loaded at the centre, and

Girders supported at both ends and loaded uniformly.

3. A piece of teak 2" deep and $1\frac{5}{16}$ wide is fixed as a semi-girder at one end. What weight hung two feet from the point of attachment will break it across?

NOTE.—The crushing strength of dry teak is 12,000 lbs. per sq. inch.

- 4. Sketch the Warren Girder; the double triangular; the lattice; the Funk Truss. To what type do these belong? What is the quadralateral type? Sketch and distinguish between the Howe and the Pratt truss.
- 5. DATA.—Let l = span, n = number of panels, h = height of truss, w = dead load at each panel point, w1 = variable load on 1 panel.

Let 1 = 70 feet.

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n = 7.h = 10 feet.

w = 300 lbs. ft.

= 3000 lbs. per pl. $w^1 = 1000$ lbs. ft.

= 1000 lbs. per pl. $w + w^1 = 13,000 \text{ lbs.}$

About reaction = $\frac{1}{2}$ of 6 pls. = 39000 lbs.

Find the horizontal strain on a and a b, on d, e and b, c on e, f f h, h i and c, g.

Also strains on the ties and verticals.

Explain Gordon's or Hodgkinson's or any other practical formula shewing the strength of iron pillars.

What is meant by the radius of gyration.

PAPER I.

For Degree M. E.

Examiner..... E. D. C. O'BRIEN; Colonel R. Engineers.

Note.—To be answered without reference to books.

The object of these questions is to test the knowledge of practical matters constantly required in carrying out engineering work.

- Define the terms, "Factor of Safety" "Load," Modulus of Elasticity," "Live Load," "Torsional Strength," "Resilience," "Unit of Work," "Coeficient of Fiction."
- Sketch a Queen Post truss for a roof 40 feet space. Name the various parts and figure the scantlings of the "Tie Beam,"
 — "Queen Post and Principal Rafters,"—The pitch of the roof being 27°—Trusses 10 feet apart and the timber to be good Memel or Riga.
- Sketch a Trussed Rafter Iron Roof for a span of 30 feet and state the proportions usually adopted in practice.
- 4. For what spans and under what circumstances is a King-Post or Queen Post Truss most suitable. Give Tredgold's rule for ascertaining the dimensions of a tie beam of oak to support a ceiling only.
- Name the characteristics of good timbers which should be sought for in selecting it for work, and describe the method of creosoting timber with a view to the preventing of decay.
- In speaking of wooden girders, what do you understand by a "Built Rib" a "Flitch Beam" and a "Scarf to resist both tension and compression."
- Compare carefully the Characters of Wrought Iron, Cast Iron and Steel, and the purposes for which they are respectively suitable in construction.
- State what should be the proportions for Portland Cement Concrete for use above and below water and give the principal points to be attended to in managing it under the latter circumstances.
- State how you would test the quality of a given sample of Bricks, and describe briefly a "Hoffmann Kiln" for brick making.

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10. Give a diagram serving the construction of an egg shaped, sewer. State what inclination is most suitable for a sewerage drain and what velocity should if possible be obtained for the sewerage?

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11. Describe the method of Sewerage irrigation known as the "Bed System," and also what soils are most suitable for sewerage cleansing.

 Explain in detail the sanitary arrangements that should be adopted to prevent the admission of sewer gas into inhabited houses.

13. Describe with the aid of a diagram the construction of a fire proof floor.

PAPER II.

- 14. What property of the circle is princepally used in setting out railway curves? Why is the common method not quite mathematically correct.
- 15. A bridge is to be built across a 30' span with I girders, not to exceed 4' high, to allow a locomotive engine to go over, whose weight may be assumed equivalent to 20 tons acting at one point; the weight of the bridge will be brought up to 16 tons. What must be the sectional area of the upper flange in the middle, assuming the breaking strain of wrought iron in tension and compression as 16 tons persquare inch and safe load \(\frac{1}{2} \) breaking load.
- 16. In survey work is the Theodelite or Sextant the best for Triangulation? and why. What mathematical check can be applied if the angles be taken from every station, and the rotundity of the earth be neglected?
- 17. A line of telegraph is to be laid from a point, longitude 80° E, latitude 50° N; to a point longitude 110° E, latitude 50° N., Shew Graphically or Analytically how you would determine within what limits of latitude the shortest line would be.
- 18. In a bridge of three Double Cantilevers (similar to the fourth bridge,) what length must the base of the central cantilever have if the total length = 1000 feet, weight 3000 tons, and the weight of train be equivalent to a concentrated load of 300 tons. Must the end cantilever have the same length of base?

19. You have to lay out a railway line between two points of different heights, but on the same slope of a range of hills and about three (3) miles apart. The line is to be the best possible gradient without excessive earth work; minimum curve fixed, ground very irregular, but always sloping from same side. Describe briefly the successive steps to locate the best line.

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- 20. A string of given length has its extremeties fixed at two given points, and certain weights are suspended from given points along the length of this string. Shew by what equations you would ascertain the figure into which the string will be stretched.
- 21. Two (2) chords A. B., A. C., of a circle represent two forces, one of them A. B. is given, and also the radius of the circle. Find the position of the other chord when the resultant of the two chords is a miximum.
- 22. If the tangent to the highest point of the intrados when produced to the abutments lies wholly within the thickness of an arch. Prove that the arch will bear any weight which does not crush the material of which it is composed.
- 23. In order to calculate the earth work on a long line of road, you are asked to make tables shewing the sectional area of cuttings of various depths, width of road at bottom 18', slopes 2 in 3. Calculate the sectional area for six depths, using the method, of second differences.
- 24. Certain machinery is driven by a large water wheel at a considerable distance, the only connection being two slender wires; on what principle can the work be transmitted by the movement of the wires.

PAPER III.

Note.—To be answered with the assistance of books of reference

25. A curve of which, 100° chords subtend 2 -e is to be run to connect 2 straight lines A. B., C. D., the point where they meet in inaccessible. Two points B. & C. are therefore selected, (as near to this point as possible,) 160° apart. The angle A. B. C. is found to be 150° and B. C. D. = 165°. How far will the tangent points be from B. & C.

26. A wrought iron chain is tested and found to be the correct ints of length at 40° Farrenheit and a base of 5 miles (apparently) of hills is then measured with it on a level plateau 400 feet above mean sea level at a temperature of 50° Farrenheit. What is the true length of the base reduced to mean Sen level?

27. The principal rafters of a building 50' across are 9' apart, and inclined at 30° to the horizon, the ties being level, what will be the thrust in lbs on each, the weight of roof and load being reckoned at equivalent to 50 lbs per square

28. The weight of a locomotive is 30 tons on coupled wheels, piston 12" diameter, piston rod 1 sqr. inch, sectional area crank 18" long, driving wheels 5' diameter, working pressure of steam 150 lbs. per. square inch, frictional resistance to sliding .25 to rolling .07. What weight of train will it pull up an incline of $\frac{1}{40}$? Neglect the loss of power due to the coupling rod not being in line with the

29. A buffer stop has to be constructed to stop a train weighing 300 tons moving at the rate of 5 feet a second. The springs of the buffer which give a uniform resistance however much compressed, work back through 2 feet. statical resistance must the frame of the buffer stop be able to with-stand if there are no springs between the carriages.

ENGLISH LITERATURE.

B.A. Degree Examination.

Examiner . . REV. E. M. KEIRSTEAD, M. A.

FIRST PAPER.

1. Compare Tennyson's power of characterization as shown in the Princess with Shekespeare's power in delineating character.

2. Tennyson's idea of womanliness and his view of woman's place in

3. (a) "In reading the poem the mind is palled and wearied with wasted splendor and beauty." (b) "Other works of our poet are greater, but none is so fascinating

as this romantic tale,—English throughout, yet combining the England of Coeur-de-Lion with that of Victoria in one Examine these statements.

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- 4. Explain
 - (a) Meaning of "Medley" as applied to this poem.
 - (b) "The second-sight of some Astraean age."
 - (c) Then Florian, but no livelier than the dame That whisper'd 'asses' ears' among the sedge, 'My Sister.'
 - (d) for her, and her,
 Hebes are they to have ambrosia, mix
 The nectar; but-ah, she—when'er she moves
 The Samian Herè rises, and she speaks
 A Memnon smitten with the morning sun.
 - Ourself have often tried Valkyrian hymns.
- Quote a poem or passage of not less than fourteen lines, from books three and four, respectively, of Palgrave's Golden Treasury, commenting fully on the same.
- Compare fully the characteristics of Book III. with those of Book IV., Palgrave, with special reference to the periods of which they are the lyric expression.
- 7. Write a note on Shelley's so-called Atheism.
- 8. Compare the "Adonais" with Arnold's "Thyrsis," or with Swinburne's "Ave atque Vale."
- Sketch briefly Shelley's career, characterizing his genius and personality.
- 10. Explain or comment upon the following expressions :-
 - (1) "The Pythian of the age an arrow sped."
 - (2) "The swestest lyrist of the saddest wrong."
 - (3) "Live thou whose infancy is not thy fame."
 - (4) "Mourns not her mate with such melodious pain."
 - (5) "Struck by the envious wrath of man or God."

SECOND PAPER.

- 1. Write a short paper on the functions of imagination and of taste in literature.
- "Metre is the first and only condition absolutely demanded by poetry." Criticize this statement and discuss the nature of poetry.
- Trace the growth of the epic outlining its characteristic features, and indicating with examples its chief subdivisions
- (a) Explain the functions of quantity and accent in English Verse.
 (b) Explain the chief English Metres.
- Divide the history of English Literature into periods, giving in full, the reasons for the divisions you make.

- 6. Describe the Elizabethian Age, naming the principal authors and their works. Give dates. How do you account for the brilliancy
- 7. Write of the work, rank and influence of Pope, Dryden, Locke, Addison, Scott, Coleridge, Macaulay. Give dates.
- 8. (a) Name the principal works of Robert Browning and give brief
 - (b) Write of Browning's qualities as a poet. Compare or contrast him with Tennyson.
- .9. (a) Sketch "Childe Roland to the Dark Tower Came.."
 - (b) Meaning of the poem.
 - (c) Criticism of the poem.
- 10. (a) Trace the course of thought in Rabbi*Ben Ezra.
 - (b) Explain :-

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- (1) "Irks care the crop-full bird?"
- (2) Eyes, ears took in their dole.
- (3) Ay, note that Potter's wheel.
- (c) "One of the deepest and weightiest of all Browning's works, It contains the Philosophy of Life." Discuss these statements.

THIRD PAPER.

- 1. (a) Explain fully Dowden's method of determining the Chronology of Shakespeare's plays.
 - (b) How far can this method be applied to the works of other
- 2. (a) Describe, giving dates, the four periods into which Dowden divides the dramatic career of Shakespeare.
 - (b) Place the following plays in the groups to which Dowden assigns them :- Julius Cæsar, Merchant of Venice, Hamlet, Tempest, Lear, Romeo and Juliet, Midsummer Night's Dream, Coriolanus Twelfth Night.
- 3. (a) Write an introduction to the Merchant of Venice.
 - (b) Give Dowden's views of Shakespeare's Sonnets.
- 4. (a) Discuss fully the character of Coriolanus.
 - (b) Trace the action and influence of either Volumina or Menenius throughout the play.
- 5. (a) Explain the following:—Bisson, Carbonado, Dencalion, Flameus Mammocked.
 - (b) Locate the following lines :-
 - 1. "I tell you, friends, most charitable care Have the patricians of you."

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- If I should tell thee o'er this thy day's work, Thou's not believe thy deeds."
- 3. "the Kitchen malkin pins
 Her richest lockram bout her reechy neck,
 Clambering the walls to eye him."
 - 4. "the smiles of Knaves
 Tent in my cheeks."
- Quote two stanzas from Chaucer's "Parlament of Fowles;" explain fully words, phrases, and references contained therein; and also explain the metre and stanza employed by Chaucer in the poem.
- Write a note on the sources and supposed date of the "Parlament of Fowles."
- 8. Characterize Chaucer's genius and his influence on English Literature.

IGNATIAN EPISTLES AND S. CHRYSOSTOM.

Examination for B. D., June, 1890.

Examiner..... REV. PROF. VROOM, B.D.

- In what different forms have the Ignatian Epistles been put forth? Sketch briefly the claims of each and give a list of the genuine Epistles.
 - 2. What facts concerning episcopacy do the Ignatian Epistles establish?
 - 3. Translate S. Ignat. Ep. ad Romanos, VII.
 - (a) Trace the influence of St. John's teaching in the Chapter.
 - (β) Explain (1) ὁ ἐμὸς έρως ἐσταύρωται. (2) φιλόῦλου.
 - Translate ad Smyrnaeos, VIII.
 Explain (a) βεβάία εὐχαριστία, (β) καθολικὸ, (γ) ἀγάπην.
 Comment on the passage οὐκ ἐξόν ἐστιν κ. τ. λ.
- 5. What is the general character of the Ep. of S. Ignatius to the Romans? What bearing has it, if any, on the theory of Papal supremacy?
- Translate S. Chrysostom, de Sacerdotio, III., IV. Compare the doctrinal teaching here with that of the Church of England.
- 7. Under what circumstances was the de Sacerdotio written?

S. CYPRIAN AND S. AUGUSTINE.

- 1. Translate S. Cyprian de Unitate Eccl., 3 to "evadit."
- 2. Give the scope and purpose of this Treatise.
- 3. Comment on " Cathedram Petri."
- 4. What does S. Cyprian mean by "Episcopatus unus est."
- What comparison does S. Cyprian make between the robe of Christ and the robe of Ahijah?
- 6. Translate S. Augustine De Pecc. Meritis et Rem. I, 7.
- 7. What was the nature of the heresy which called forth this book?
- 8. How does S. Augustine answer the questions :-
 - (a) Whether perfect sinlessness is attainable in this life.
 - (b) Whether any have reached or are likely to reach perfection.
- 9. What does S. Augustine say concerning infants dying unbaptized?
- 10. What light does this book throw on the antiquity of Infant Baptism?
- 11. How does S. Augustine speak of the Epistle to the Hebrews in this Treatise ?

LITURGIOLOGY.

- Shew that our present forms of Morning and Evening Prayer retain the essential elements of the early offices.
- Compare the present liturgical use of the Psalms with the pre-Reformation use.
- Give a brief history of the Six Articles. How did they affect the work of Prayer Book revision?
- 4. What services and forms were in use in English before 1549 ?
- Comment on the various forms of Absolution in the Prayer Book, giving the sources from which they were derived.
- 6. Discuss the origin, meaning and propriety of Bidding Prayers.
- 7. Sketch the history and liturgical use of the Gloria in Excelsis.
- 8. Trace the influence of the Mozarabic Liturgy on the English Prayer Book.
- What were the positions of Ridley and Cranmer with regard to the doctrine of the Real Presence? Account for the latter's changes of opinion.
- Comment on the orthodoxy of the Prayer Book of 1552, and estimate the influences which affected the revision.

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Additions to the Library, 1889-90.

Presented by the Royal Society of London, G. B.

(8 vo. pamphlets.)

Proceedings Vol. XLVI., Nos. 280-283, and 285.

" XLVII., Nos. 286-290.

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Alley, On Tests of a Westinghouse Engine.

Segunds, On Cast Iron and Steel Beams.

Emery, On the Distribution of Steam.

Ransom, On the Cyclical Velocity-Variations of steam and other

Duckham, On Underpinning Great Yarmouth Town Hall.

Donkin & Dwelshauvers Dery, On Heat Expenditures in Steam

Poloncean, On Compound Locomotives.

Waring, On Indian Railways.

Kennedy, On the Tacheometer.

Smith, On Solid Stress Diagrams.

Hopkinson, On Hydraulic Packing-Presses.

Greenwood, On the Treatment of Steel by Hydraulic Pressure.

Bolton, on the Progress of Inland Steam-Navigation in North-East India from 1832.

Barron, On Piers and Harbours on the North and West Coasts of

Haupt, On Jetties.

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Lyster, On Recent Dock Extensions at Liverpool. Wheeler, On Bars at the Mouths of Tidal Estuaries. Townshend, On the Tides in the Neighbourhood of Portsmouth. Runeberg, On Steamers for Winter Navigation and Ice-Breaking. Moore, On the Bore of the Tsien-Tang-Kiang. Bruce, On the Water-Supply of Italian Towns. Chatham, On the Improvement of the River Avon below Bristol-Sawyer, On the West of India Portuguese Railway and Harbour

Hall, On the New Steel Dock-Gates of Limerick Floating-Dock. White, On the New Programme for Ship-Building. Barnaby, On Armour for Ships.

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Presented by the Smithsonian Institute, Washington, U. S. Seven Reports of the Secretary (Prof. Joseph Henry,) for the years 1867, '68, '69, '70, '74, '75, ,76.

Also a Programme of the "Eighth International Congress, of Orientalists," held at Stockholm and Christiania, September 2-13, 1889.

Also Copies of the "Naturwissenschaftliche Wochenscrift" Nr. 15, band II., and Nr. 2, band III., for 1888.

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Journals of the House of Commons, Canada, (1889.) Vol. XXIII. Journals of the Senate, Canada, (1889.) Vol. XXIII. Statistical Abstract and Record for 1888.

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Thirteenth Annual Report of the Board of Home and Foreign Missions, &c., to the Diocesan Synod of Nova Scotia, 1889. Journal of the Twentieth Session of the Diocesan Synod of Nova Scotia, 1888.

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Report for 1887. Bulletins Nos. 9-12 and Nos. 14-17.

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The Nineteenth Century Magazine for March, 1890.

Presented by A. R. C. Selwyn, C. M. G., LL. D., F. R. S., (Director of the Geological and Natural History Survey of Canada.)

Contributions to Canadian Pataeoutology by J. F. Whiteaves, F. G. S., &c., Vol. I., part II., 1889.

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Contributions to the Micro-Patâeontology of the Cambro-Silurian Rocks of Canada, by E. O. Ulrich, p. II., 1889.

Annual Report (New Series,) Vol. III., parts I. and II., and folio of Maps, 1887.

Presented by A. F. Putnam, Esq., M. P. for Hants Co., N. S.

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Report on Canadian Archives by Chas. Brymner, Ottawa, 1890.
Report of the Meteorological Service of the Dominion of Canada, by Charles Carpmael, M. A., F. R. A. S. Superintendent, for year ending Dec. 31, 1886.

Presented by the Rev. John G. Ames, Superintendent of Documents, Departmet of the Interior, Washington, U. S.

Hayden's U. S. Geological and Geographical Survey of the Territories of Wyoming and Idaho, parts I. and II., 2 Vols. 8 vo., 1878, with Maps.

Folio of Maps and Panoramas, Twelfth Annual Report of the U. S. Geological and Geographical Survey.

Hayden's Report of the Geological Survey of the Territories, Vol. III., Tertiary Vertebrata—Book I., E. D. Cope, 1884, 4 to Illus.

Hayden's Report of the Geological Survey of the Territories Vol. VIII., The Cretaceons and Tertiary Floras, by Lesquereux, 1882, 4 to Illus.

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Department of Agriculture:—Third Report, of the U. S. Entomological Commission, by Riley, Packard and Thomas, 1880-82, 8vo. Illus. Department of Agriculture:—Fourth Report of the U. S. Entomological Commission, by Riley, 1883-85, 8vo. Illus.

Reports of the Director of the Geological Survey, 2 vols. (Vol. 3 for 1885 and Vol. 3 for 1886.)

Presented by N. H. R. Dawson, Esq., Commissioner of Education, Washington, U.S.

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Bush.)

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Special Report, part II., Rules for a Dictionary Catalogue, by
C. A. Cutter.)

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Presented by the Minister of Agriculture, Toronto, Canada, (per. A. Blue, Esq., Secretary of the Royal Commission.).

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Presented by Dr. Cogswell, London, G. B.

(pamphlets.).

"Before my Judges" a report of Dr. Bernado's Speech, London, G.B. "Our Easter Festival" by Dr. Bernado.

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Chamber's Journal for June 1, 1887. Also the "Globe" and sundry other papers.

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The Plays and Poems of William Shakespeare, by Edmond Malone, in 16 vols., Dublin, 1794.

The (Historical) Works of William Robertson, D.D., 10 Vols., London, 1821.

Macaulay's History of England, 5 Vols., (in 2 bindings.) 1856.
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The Spectator, Vols. I-VIII., London, 1812.

The Works of William Paley, D.D., Edinburgh, 1831.

Byron's Works, London, 1815.

Revised Statutes of Nova Scotia, (Third Series,) Halifax, 1864.

Statutes of Canada for years 1871, '73, and Vol. I. of each of the years 1875-1879, with extra copy of Vol. I., 1879.

Martin's (R. M.) British Colonies, London, 1843.

The Complete Poetical Works of Martin F. Tupper, New York, '55. Poems and Essays, by the Hon. Joseph Howe, Montreal, 1874.

Songs of the Church, by the Rev. Wm. Bullock, Halifax, N.S., '54. Essays on the most important subjects in Religion, by the Rev. T. Scott, London, 1823.

Descriptive Sketches of Nova Scotia, in prose and verse, by a Nova Scotian, Halifax, 1864.

The Poetical Works of John Gay, London, 1811.

Watt's (Isaac) Logic, Chiswick, G. B., 1828.

Butler's (Joseph) Analogy of Religion, by H. Malcom, D.D., Pheladelphia, 1872.

Oxford Theology, by Vanbrugh Livingston, New York, 1841. Slavery in the United States, by J. K. Paulding, New York, 1836. Treatise on Courts Martial, by S. Payne Adye, London, 1810.

Life and Writings of Grant Thorburn, New York, 1852.

A Practical Exposition on Psalm CXXX, by John Owen, D.D., London, 1810.

Milton's Work's (Vol. I. of Cooke's Select British Poets,) London. Bourrienne's Life of Napoleon Bonaparte, with Essay by Dr. Chemming, London, 1839.

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Think on these things, (a sermon,) Edinburgh, 1839.

Seven Lectures on the Acts of the Apostles, by the Rev. Wm. Cogswell, M.A., Halifax, N. S., 1837.

Chronique de Grègoire de Tours, par J. J. E. Roy, Tours, 1842. The Field of Waterloo (a poem) by Walter Scott, New York, 1815. Davies', (Charles) Algebra, New York, 1862.

American Annual Monitor, or Obituary, No. 3, New York, 1860. Ciceros Officers and Moral Works, translated by C. R. Edmonds, New York. 1858.

Nelson's New Map of the British Provinces in North America. Juvenalis et Persii Satyræ, juxta editionem Heinrich, Oxonii, 1864. Levizae's French and English Dictionary, 2nd edition.

Grammar, New York, 1848. De Fivas Classic French Reader, New York, 1866.

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Register of the University of California, 1888-89, from the Rev. James Simonds, M. A.

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Calendar of McGill College and University, Montreal, 1889-90. List of Graduates of McGill University, Jan., 1890.

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Aimon, C., E.S., 1964	Boroley F
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11110H, (7, VV. R., E.S. 1970	Barclay, B
	Barclay, G
1000	Barclay, H
11111011, W. D	Barclay, D
MIDFORE, J., KAV 1040	Barclay, A
1852 B. A. 1856 M. A. 1888 D. C. L. hon.	1809 B.A. 1827 D.C.L. hon.
Ambrose, W. C	Barclay, J. J
1878 B.E.	Barnard, F. A., D.D., D.C.L. hon. 1887
mbrose, R. W1875	Barnes, J. M.A. ad eund. 1883 Barneveld, C. E
Incient, W.J., Rev. M.A. hon. 1890	Barneveld, C. E
nderson, T. D.C.L. hon. 1861	
Indrew A D.C.L. non 1861	1826 B.A. 1826 M.A.
Indrew, A1890	Barss, R

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Belli,
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185 Bisset Black Black 182 Black 1840 Black, 1866 Black 1853 Blanch Bliss, 1813 1863 Bliss, 1816 Bliss, Bliss, 1 1858 Boggs, Boggs, 1834 Bonnel Bonnet Boone, Borden 1869 Botsfor Botsfor Bourine Bowen, Bowman 1852 1875

Bowman 1862 I Bowman GE,

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Bayard, R	Admission.
1871 D.C.L. hon.	Bowman, W
Beardsley, T	Bowman, F. A
Beers, H., Rev	1886 B.A. 1887 M.A. 1888 B.E. Boyd, E. *
	Boyd, J.
Bell, L	* DOYG, FL. C
Bennet, T. J	
	Boyd, S., Rev
Delit, A. M., Key, E. q	
bernard, W	10mm D
Berton, E. D 10c	Rreading T D.
Best, H	Drecken, J. F. F.
Binney, H. Rev	
1827 B.C.L. 1827 D.C.L.	
Binney, H., Rt. Rev D.D. inc. 1070	Brenton, C. J., Rev
Dinney, R., Kev. B.C.L. inc 185	1876 B.A. 1876 M.A. Brigstocke, F.H.J., Rev., D.D. hon. 1889
1607 D.C.L.	Brigstocke, R. G
Bissett, J	Brine, R. F., Rev1839
Black, M. G	1843 B.A.
1820 B.A. 1829 M A	1000 7
Black, W	1887 B.A.
Black J. F	
1866 B.A.	Brock, I Rev. D.D. hon. 1887 Brough, S. 1833
Blackman, J. T. M. W., Rev 1843 1853 B.A. 1857 B.C.L.	Brough, S1833
1857 D.C.L.	
Blanchard, M. G 1880	Brown. S. D
Bl188	Brown, H., E.S
Dil88, W. B 1800	Brown, A., Rev
1813 B.A. 1816 M.A. 1863 D.C L. hon.	1000 D.A.
Bliss, H	Brown, P. H., Rev1863
1816 B.A.	1867 B.A. 1890 M.A. Brown, J. D. H., Rev., R.S
Bliss, G. P 1915	Brown, C. W
Bliss, L. H 1854	1879 B. A.
1898 B. A.	Brown, G. A1883
Boggs, S	Duchan, S
1834 B.A.	Budd, T. H. 1967
Bonnell, W. F	Bullock, R. H., Rev
Bonnett, C. J 1854	1879 D.C.L, hon.
Doone, T., Key 1964	Bullock, W. H. E., Rev1859
Borden, F. W	1863 B.A. 1868 M.A.
Botsford, C	Bullock, C. B
Botsford G	1864 B.A.
Bourinet, J. G. D.C.L. hon. 1890 Bowen, W. *	Bullock, W., Very Rev., D.D.hon. 1865 Burgess, J. C
Bowen, W	Butler, J. B
Bowman, C., Rev 1949	1852 B.A.
1852 B. A. 1858 M. A. 1875 B.D. 1875 D.D.	Butler, W. R
Bowman, M	1878 B. Eng. 1890 M. Eng.
1980 D A	Butler, G. H., Rev
Bowman, F	1881 B.A. 1885 M.A.
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Campbell C	Admission
Campbell, C	Cogswell, J. C
Campbell, D. *Campbell, E. C 188 Campbell, J. M. Ray	1838 B.A. 1858 B.C.L.
Campbell, E. C 18	23 1858 D.C.L.
	24 Corewell W H T D
Campbell, J. R. Rev. R.D. bon 100	1890 D. D. hon.
Campbell, R. E. M	00 Coleman, C. A
Campbell, W. F	
1890 B. Eng.	104e
Carman, C. H 186	1040 D.A. 1868 M.A.
Currington E	0 1868 B.D. 1868 D.D
Carrington, F	4 Cotton, F. C
Carvell, W. F. H	6 Courtney F Picht P
1000 D.A.	D.D. jure dig. Cowie, A. J
Chalmers, — *	Cowie, A. J
Chandler, J. P186	1 Cowie, J R DeW Par
1000 B.A.	1883 B.A.
Chandler, P. B	B Con I C D
Chandler, J 186	6 Cox, J. C. Rev
Chipman, H	Cox, W. A
100/ B.A.	Crawford, G. E
Chipman, R. W	Crawley, E. A., Rev. 1916
	1020 B.A. 1023 M.A.
Churchward C F B	1888 D.C.L. hon.
Churchward, C. E., Rev., E.S1877	Crawley, H. W 1817
Claiborne, ————————————————————————————————————	Crisp, T. Rev.
Clark, J	6 Crisp, T. Rev. 1820 1856 B.A. 1865 M.A. 1852 Crisp, J. O. Rev.
Clark, P. H	Crisp, J. O., Rev
Clark, W. N. B., E.S	1880 B.A.
	Croucher, C. Rev
	1865 B.A. 1889 M.A.
	Cruickshank, A. inc. 1873 Cunard, Sir Edward
	Cuppingham I
Clinch, J. H., Rev	Cumingham. J *
1830 B.A. 1833 M.A.	Cumingnam, P. M 1997
	1002 D.A.
ochran, T	Cunningham, J
Cochran, W	Curren. I. d
Cochran, W	Curren, B
	1011 D.A. 1000 M.A
Cochran J.	1804 B.C.L. 1864 D.C.T.
Cochran, J	Curry M A
1825 B.A. 1835 M.A.	1881 B.A. Curry, R
1872 D.D. hon.	Curry, R
Cohum III D D	1881 B.A.
Cochran, W. R., Rev	
1002 B.A. 10/1 M.A.	Daniel, R. A
1890 D.D. hon.	Dart, J., Rev. D.C.L. hon. 1877
Cochran, C. P., E.S	Day G. D.C.L. non 1877
	Day, G. Day, W
	Davis P
ogswell, H. E	Davis, R
ogswell, C	DeBlois, E. P 1836
	Deblois, H. Key 1957 D A 1047
ogswell W Rev	Delancy, W
1907 D A 1000 M A 4	Delancy, S
1000 M.A.	Delancy, J

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Easton, 1885 Emerso Emerso Emerso Emerso Everett 1864

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Delisle, F	Parish, J. C
DeMille, A. B. DesBarres, T. C. Ray	
	889 Fawson, S
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DesBrisav, M. R	1843 B.A. 1890 D.D. hon.
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Despard, G. P., Rev	Fitzgerald, H. J
_ 1832 B.A.	
De St. Croix, B	Fitzgerald, D., Rev. M. A.
1827 D.C. L. hon.	1 1001 B.D. 1881 D D
DeVeber C I	Fowle C
DeVeler, C. L	865 Forbes, J. M., Rev., E.S
DeWolf, J. R.	Forbes, F. G
DeWolf, G. H	831 1879 B.A.
DeWolf, J	862 Forrest Pay I
DeWolf, B. J	Forsyth, J. W., Rev., B.A., inc. 1890
Dibblee, H. E	383 1864 M.A. , 1001., 1858
1887 B.A. 1890 M.A.	Foster, G. F
Dickey, J. A. Dickey, A. R.	
	71 Fraser S
	88 Fraser W P C
	88 Fraser, W. P. G
Dimock, A. H. inc. 18	82 _ 1857 M.D. ad eund
1885 B. Eng. 1885 B.A.	Fraser J.
1885 B. Eng. 1885 B.A. Disbrow, J. W., Rev., M.A. inc. 18 Dodwell, C. E. W.	Fraser, J
	62 Fraser, A., E.S
1873 B.A.	69 Fraser, J. D
Dodwell, L. E	
Draper, T. F., Rev	73 Fraser, C. F., M.A., hon. 1881 Freeman, S. P. 1892
1879 B.A. 1884 M.A. 1890 R.D.	1800 Litel, E. S 1800
Dudley, Rt. Rev. T.U., D.C.L.hon. 189	1020 B.A.
	Fretwell, R. J
	1 Prior, F. W
Dunham, J. A	1000 D.A.
Dunn, J	2 Fullerton, W. Y
	1 Kev 1884
Duvernet, F. H187	1888 B.A.
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Emerson, F. C	
Emerson C	
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Emerson, F	1822 B.A.
Emerson, H. ** Everett, J. D., M.A. inc. 186 1864 B.C.L. 1864 D.C.L.	Gilpin, E., Rev
1964 P.C.T., M.A. inc 186	Gilpin, E., Very Rev
1864 B.C.L. 1864 D.C.L.	1847 B.A. 1850 M.A.
Frinkent C T	1853 B.D. 1863 D.D.
Fairbanks, C. R	1890 D.C.L. hon.
	Gilnin A
	Gilpin, E
Turi Dicting, N., Rev. 1947	1871 B A 1974 34
	1871 B.A. 1874 M.A. Gilpin, A. E
Fairbanks, F. P	Godfran W M D
	Godfrey, W. M., Rev
Farish, H. G	Godfron I
1846 B.A.	Godfrey, J
	Goold, A. H. W

Admission.	Aumission.
Gow, F. A. R1883	Hanington, C. P., Rev. inc. 1881 Hanwright, F. W
Gow, R., E.S 1877	Hanwright F W
Graham, G. B	
Gray, W	Harding, F1861
Gray, A	1865 B A
Gray, B. G*	Harding, H. T1866
Gray, J. W. D., Rev	1870 B.A.
1010 B.A. 1828 M A	Harley, A. W. M., Rev 1880
1846 B.D. 1846 D.D.	1884 B.A. 1887 M.A.
Gray, A. Rev	Harley, H. A., Rev
1825 B.A. 1832 M.A. Gray, J. H	1884 R A 1887 M A
1920 D.A	Harper, H., Rev., E.S1882
1832 B.A. Gray, W	narrington, D. D 1860
1847 D A	
1847 B.A. Grav, B. G	Harris, G
1847 B.A.	
Gray, W. S. Rev1853	1823 B.A.
1857 B.A.	Harris, J. D1861
Gray, H. M1856	Harris, V. E.; Rev1874
Gray, P. E1879	1878 B.A. 1882 M.A.
Gray, D. H	Harris, G. D., Rev
Freen, G	Harris, E. A., Rev 1879
Fregory, C. E. 1990	1883 B.A. 1886 M.A. Harrison, J., E.S
Friffith, J. A	L S T 1907
Grindon, O. M., Rev 1854	L.S.T. 1887. Hartshorne, L
1850 B.A. 1881 M.A.	Hartshorne H1820
Haire, R., Rev 1862	1894 R A 1859 R C T
1866 B.A.	1855 D.C.L. Harvey, J
Haliburton, G *	Harvey J
Haliburton, G. W*	1844 B.A.
all Durton. T. C. 1910	Harvey, W. S., B.A. inc 1865
1815 B.A. 1851 M.A. Halibarton, J. G. P	1865 M.A.
ialibarton, J. G. P	Hatch, H. H. 1821
1831 B.A.	Hatch H
Haliburton, R. G 1845	
1849 B.A. 1852 M.A. 1877 D.C.L. hon.	11azen, 10. M
Ial, J. C 1819	_1849 B.A.
1823 B.A.	Hazen, W
Fallett, E. O1880	1852 B.A.
Ialliburton, C. I	Hazen, F. B
1832 B.A.	Hea, J. R., M.A. inc 1855 1858 B.C.L. 1858 D.C.L.
Ialliburton, J. C 1823	Heckman, J. W
lamilton, H. H. Rev 1820	1076 D F
Iamilton, H. H., Rev	1876 B. Eng. Head, S.
Iamilton, D. S., Rev	Head W
1847 B. A.	Hearn E D M A
Iamilton, C. S	1889 B C I. 1889 D C I
1871 R A	Head, W
[ammill, L	1853 B. A. 1856 M. A
	1853 B.A. 1856 M.A. 1863 B.D. 1867 D.D.
ammill, J. C *	Hensley, H. A
ammill, J. C	1889 B A
ammill, R *	Hill, H
ammond, W. A., M.A., ad eund 1886	Hill, W1803.
aniord, T. T	1807 B.A
1852 B.A.	Hill, G

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How, J Hower, Howe, Howe, Howe, Howe, 1835
Hoyles, Hudgell L.S.T Hudson 1834
Hume, J 1885
Huther Huden Hume, J 1885
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Hill, H. P	Ingles, C
Hill, P. C	6 IS11 B.A.
1840 B.A. 1858 B.C.L.	Ingles, C. L
Hill, L. M. W., Rev	9 Inglis, J., Right Rev
1020 D.A.	Inglis C
Hill. G. W., Rev	3 Inglis, R
1877 D.C.T. L.	3 Inglis, R
1877 D.C. L. hon. Hill, J. J., Rev. 1858 B.A. 1863 M.A.	Inglis, J. E. W
1858 B A 1862 M A	
Hill, W. H	Ings, G. A 1878
Hiltz, A. F., Rev	
Hind, D. H., Rev	1877 B.C.L. 1-84 D.C.L.
Hind, H. Y. D.C.I. hop 1900	Jamison, W. H., Rev 1860
Hind, J. Y	1864 B.A.
Hind, K. C. Rev	
1882 B.A. 1885 M.A. Hobart, C. E., B.S	Jarvis, E. J
Hobart, C. E., E.S	Jarvis, G. S., Rev
1100art, It. W 1991	1826 B.A. 1829 M.A.
1000 D.A.	1000 D D 1015 E
Hodgson, G. W., Rev1857	Jarvis, M
1001 D.A. 1864 M.A.	Jarvis, G. W. T. Rev. 1839
Hoffman, Rev. E. A., D.C.L. hon. 1890	Jarvis, M
Holden, C 1860	Jarvis, H. M., Rev. 1050
1004 D.A.	1856 B.A.
Holland, F	
Holland,	Jeffery, C. S
How H	1840 B.A.
How H Pay D.C.L. hon. 1861	Jeffery, J. U
1876 B.A.	Jenkins, L. C., Rev., D.C.L. hon 1842
How, J. E. T., E.S	
Howcroft, G	Jennings, W. C
Howe, H 1889	10// B.A.
Howe, A	Jennings, E. J
Howe, W1831	1880 B.A.
1000 D.A.	Jennison, W. F
Howe, W. M.	Johnston, C. O., E.S
1837 B.A	Johnston, J. G
Hoyles, N. W	Johnston, I
Hudgell, R. W., Rev. E.S 1885	Jones, H. A
L.S.T. 1887. Hudson, J., Rev. inc. 1832 1834 B.A.	Jones T T Rev RA
Hudson, J., Rev. inc., 1832	Jones, T. T., Rev., B.A. inc. 1851 Jones, H. P
1834 B.A.	1884 B.A.
Hume, W	
Hunt, T. H., Rev1882	Kaulbach, C. H1875
1886 B.A. 1890 M.A.	Kaulbach, J. A., Rev 1860
1886 B.A. 1890 M.A. Hunt, J. J., M.A., ad eund1884	1864 B.A. 1868 M.A.
1885 B.C.L. 1886 D.C.L. Hutchinson, J., Rev., B.A., inc. 1863	Keating, J. L., Rev
1970 M., J., Kev., B.A., inc. 1863	1871 B. A. 1874 M. A.
1870 M.A.	Keith, A
Hutchings, R. F	Kelly, J., Rt. Rev., D.C.L. hon 1860
	Mennedy, G. T., M.A. ad eund 1886
Ingieneiu, Sir M. A., D.C.L. hon. 1879	1890 D. Sc. hon.
	Ketchum, W. Q., E.S1877

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1890 P A 1990 M	Admission. Admission.
King H 1820 M.A.	B.A. 1889.
1825 B. A. 1835 B.C.T.	Martell, G. R., Rev
1835 D.C.L.	1885 B.A.
King, W	1885 B.A. inc. 1861 Matthew, R. inc. 1861 1-68 B.A. 1876 M.A. Maturin, E., Rev., B.A. inc. 1853 M.A.
King, T. M	1 1568 R A 1976 M A
1800 B. A.	Maturin E Rev BA
King, G. H	4 1853 M.A. inc 1853
1868 B.A. King, C. D	8 1835 B.A. 1857 M.A.
King, J. P	8 1835 B.A. 1857 M.A.
King, W. B., Rev	0 1878 D.D. hon.
1701 D.A. 1884 M A	13.
Kingdon, Rt. Rev H T D D han 100	Maynard, L
Kinnear, F	0 Maynard, M. W
	1 Maynard, J
Knapp, D	Mayne, J. H
Knapp, J. T	Mayne, J. H
Knapp, C. E	1021 D.A. 1824 M.A.
Laird, —	McLelland, A. M., B.A
Laird, W 1849	1887 B.A. ad eund. 1887 M.A.
Laird, # # # # # # # # # # # # # # # # # # #	McCella C. H. F., D.C.L. hon. 1881
199	McColla, G. H
Lawrence, B	
1814 R A 1817 M A	1864 B.A. 1888 M.A.
Lawson, J	1864 B.A. 1888 M.A. McDonald, J. B
awson. W	21 0 milett, Sir R. G., D.C.L. inc 1865
Ay, E. J. 1878 eaver, T. C., Rev. 1829	McGeachy, W
eaver, T. C., Rev	McKay D
1.33 B.A. 1853 M.A.	McKay, B., E.S. 1874 McNeil, W. L. B., Rev. 1860
1 · 33 B.A. 1853 M.A. Leaver, C. W	
1860 B A 1969 M A 1857	McKenzie, J
dechti, J., M.A., hon	McLearn, R 1838
eNoir, M. A., B.C.L1890	
eonard, M	McMonagle, *
eonard, M	McMonagle, — * McNutt, G
1888 L.S.T.	Medley, J., Most Rev., D.D. inc. 1864 1890 D.C.L. hon,
ongworth, J. A1875	Merkel, A. D., Rev
ove, G., Rev., B.A. inc. 1880 1880 M.A.	Merritt, C
owry, J., Rev	1040 D. A.
1882 B.A. 1885 M.A.	Metzler, G., Rev1863
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yttleton, W. M1860	Miles, F. W
	1824 B.A. Millidge S
acdonald, L. W1880	Millidge, S
acdonald, A	Millidge, J. J
ack, J. F	1827 B.A.
ackenzie C F Dan	Millidge, A. W
ack, J. M., E.S	1836 B.A.
anning, J., Rev., E.S	Mills, LeB 1874
5. 7 -10-1, 2.5,	Mills, S. D., E.S

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Neilson, Nicholso Nichols, 1840 B 1870 D Nicholls,

Murray, Murray, Murray, Murray, 1887 B Mutch, Myers,

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Milner, E. C	861 Nickerson, D., Rev
	856 1867 B.A. 1870 M.A. Nicolls, G. W. 1828 Nutting, J. W. 1804
Monk, H	* Nutting J W
	1810 B.A. 1868 D.C.L. hon.
	1000 D.C.L. hon.
	Oakes, C1870
Monk, E	
Moody, J. T. T., Rev	200 O.H. 1001 M.A.
	Oram, J. E., M.A. hon
1883 D.D. hon.	Oshows A. M.A. hon
Moody, J. T	Osborne, A., Rev
	1880
Moody, E. W.B	Outrain, F., B.C.L
Moore, J. J	81 Owen, H. L
1004 D.A.	1882 D.D. hon.
Moren, A	60 1833 B.A. 1882 D.D. hon. 1829 Owen, J. E. 1840
1800 B A 1861 M A	
Moren, W. M	
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Morris, E	1811
	1014 D.A. 1001 M.A.
Morris, J. S	
Morris, W. T184	Parker, A. D., Rev1820
1846 B. A.	
Morris, W. S. H., Rev	Parlee, Hy. T., Rev1880
	1001 B.A.
Morris, L. H	Parry, E. D., Rev., E.S
Morse S P F	0 Partridge, F., Rev. B.D1888
Morse, S. P. F	7 1884 D.D.
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1858 D.C.L. 1890 D.D. hon.	L.S.T. 1887.
Mundy Sir Rodney, D.C.L. hon. 186	Pascual, F., E.S
Murdock B D.C.L. non 1869	Paulin, W. B
Murphy M	Payne, R., Rev 1849
Murdock, B. D.C.L. hon. 1866 Murphy, M. D.Sc. hon. 1896 Murray, T	Payne, R., Rev 1842 Payzant, C. W 1866 Payzant, C. W 1862
Murray, J. T	1866 B.A. 1876 M.A.
1816 B.A.	Payzant, F. A
Murray, S	
Murray, A	
	- Cambo, C
Murray, A. B	
1887 B. A. 1890 M. A.	
Mutch. R. S	1819 B.A.
Mutch, R. S	Peters, R. H
	Peters, T. S
	reters, F 1967
Neilson, P. H. D1844	10/1 D.A.
Nicholson, F. W	Peters, A
Nichols E E B Pau	Peters, G. J. D., Rev. 1878
Nichols, E. E. B., Rev	Phipps, R
	Peters, G. J. D., Rev. 1869 Phipps, R. 1830 Pickett, D. W., Rev. 1843 1847 R. A. 1857 M. A. 1843
Nicholls, I. W	1847 B.A. 1857 M.A.
1. W	Pickett, J. A

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Pickman, W. R., Rev	Rowland, T. B
Pipes, J. H	1827 D.C.L. hon.
Pittman, H. H., Rev	1858 M A
Poole, H. S	Ruggles, J
1865 B.A. 1874 M.A.	1859 B.A. 1863 M.A.
Pope, T. J 1840	Ruggles, E1868
Pope, H	
Porter, R. B	1873 B.A. Ruggles, H. L
Porter, C. K	Kutheriora, J. G
1836 B.A.	18/0 B.A.
Porter, M. W1834	Rutherford, R. W1875
Povnts I	
Poyntz, J	
Prat, Richard	
Prescott, J. R	Sampson, W. H., Rev., E.s 1880
1835 B.A.	1964 D A
Prince, F	
Frince, F	1885 B.A. 1888 M.A.
1824 B.A. 1831 M.A.	Savary, A. W
rryor, H 1823	1854 B. A. 1857 M. A.
1828 B.A. 1830 M.A.	Sawyer, B
1858 B.C.L. 1858 D.C.L.	Scott, G1857
1960 P. A. Rev	Scott, H. P
1862 B.A. 1870 M.A.	1877 B.A. 1880 M.A.
	Scott, H. P. 1873 1877 B.A. 1880 M.A. Scovil, S. J. 1831
Raddin, F. S	Scovil, W. E. inc 1862 1863 B.A.
	1863 B.A.
Randall, J., Rev. D.C.L. hon. 1889	Scovil, W. E., Rev1827
Randall J Roy	1831 B.A. 1834 M.A.
1855 B.A. 1863 M.A.	Scovil, G. F1890
Ratchford, J. W1827	Seaman, W
Rattenbury, M1881	Shannon, S. L
Raven, N. R., Rev	1836 B.A. 1875 D.C.L Sharpe, E. N. inc. 1861 Shaw, J. A. 1857
	Sharpe, E. N. inc 1861
Raymond, P. M 1990	Shaw, J. A
Richards, I	Shaw, W. B., E.S
Richards, I	Shaw, G. W., E.S
1865 B.A. 1874 M.A.	Sheraton, J. P., Rev. inc. 1862
1865 B.A. 1874 M.A. Ritchie, J. J., Rev	Sheraton, R. L
1835 B.A. 1851 M.A. Litchie, G. W	Shey, W
Ritchie, G. W	Shreve, C. A
1842 B.A.	1815 B. A.
litchie, J. N	Shreve J., Rev
1854 B.A. 1858 M.A.	1821 B. A. 1825 M. A.
loach, R. T., Rev	1836 B.D. 1836 D.D.
1850 B.A.	Shreve, C. J., Rev 1828
oache, W. H	1832 B.A.
oberts, C. G. D., M.A. ad eund 1886	Shreve, T. C
operts, G. B	Shreve, R., Rev
	1870 B. A. 1873 M. A.
obertson, T. W., Rev1843	1870 B.A. 1873 M.A. Silver, A. E
Nobertson, T. W., Rev. 1843 Sobinson, W. * Sobinson, D. L. 1814	1881 B.A.
1818 B.A.	Silver, L. M
1010 D.A.	1884 B.A.

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Smith 1853 Smith 1863 Smith 1865 Smith, Smith, Smith, Smith, Smith,

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Sterns, 1852 Stevens Stevens 1830 Stewart 1840

Silver, John P	Admission	
1842 B.A. 1843 B.A. 1844 B.A. 1845 B.A. 1848 B.A. 1844 B.A. 1845 B.A. 1845 B.A. 1846 B.A. 1848	Silver, John P	Admission
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Stewart, R., Rev. 1848	Simonds, C	
Stewart, G. O., Ven	1848 B.A.	Stance 4 W7 D
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Simonds, J., Rev. 1830 M.A. 1830 M.A. 1830 M.A. 1830 M.C. E. A. 1800 M.A. 1830 M.C. I. 1842 Simonds, C. E. A. 1848 Simonds, G. E. A. 1850 B.C.L. 1850 B.C.L. 1850 B.C.L. 1850 B.C.L. 1850 B.C.L. 1850 B.A. 1850 M.A. 1849 B.A. 1850 M.A. 1845 B.A. 1850 M.A. 1853 B.A. 1852 B.C.L. 1852 B.C.L. 1852 B.C.L. 1852 B.C.L. 1852 B.C.L. 1852 B.A. 1853 M.A. 1854 B.A. 1855 M.A. 185	1843 B. A.	04
Sewart, G. Jr., F. R.G. S., D.C.L. hon1886	Simonds, C. J	
Stewart, Sir James, Bart 1878 1886 1886 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1887 1888 1	1884 P. A. 1990 M. A. 188	O Stewart G. Ir. F. R. G. S. D. C. I. bonden
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Simonson, E. W	1896 B. A. 1890 B.C.T	~ Stewart, Sir James, Mart. #
Smith, J. S. H. 1828 Smith, R. E., Rev. 1845 Smith, J. S., Rev. 1845 Smith, J. S., Rev. 1845 Smith, J. S., Rev. 1845 Smith, J. B., Rev. 1845 Smith, P. W. 1853 Smith, P. W. 1853 Smith, P. W. 1853 Smith, A. E. S. 1854 Smith, D., Ven., B. D. 1885 Smith, M. A. B. 1863 Smith, M. A. B. 1874 Smith, M	Simonson, E W	1827 D.C.L. hon,
Smith, R. E., Rev. 1828 Smith, R. E., Rev. 1845 1849 B.A. 1880 M.A Smith, J. S., Rev. 1845 Smith, P. W. 1845 Smith, P. W. 1853 Smith, B. 1859 1863 B.A. 1859 B.A Smith, A. A. 1853 Smith, A. A. 1853 Smith, A. A. 1853 Smith, A. A. 1853 Smith, D., Ven., B.D. 1885 Smith, D., Ven., B.D. 1885 Smith, R. E. S. 1874 Smith, R. E. S. 1874 Smith, R. E. S. 1874 Smith, J., Rev., E. S. 1881 LS.T. 1887 Smith, J., Rev., E. S. 1874 Smith, J., Rev., E. S. 1881 Taylor, M. A. F. E. S. 1881 Taylor, M. A. F. E. S. 1884 Thompson, W. M. A. hon. 1884 Sterns, H. M. 1887 Sterns, G. W. 1835 Sterns, H., Rev. 1835 Sterns, R. S. 1848 Stevens, Ven. C. E., D.C.L. hon. 1888	omerair. G. S	7 1000 7
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Smith, F. E.S. 1874 Tayler, B. W. Roger, Rev. 1881 Smith, R. E.S. 1874 Taylor, Taylor, M. A. F. E.S. 1884 Smith, J., Rev., E.S. inc. 1881 Taylor, M. A. F. E.S. 1884 Smith, J., Rev., E.S. inc. 1881 Taylor, M. A. F. E.S. 1884 Smith, J., Rev., E.S. inc. 1881 Taylor, M. A. F. E.S. 1884 Smith, J., Rev., E.S. inc. 1887 Taylor, M. A. F. E.S. 1884 Smith, J., Rev. 1885 1843 1844 1845 1847 M. Rev. 1843 1844 1844 M. 1887 Taylor, M. A. F. E.S. 1840 1843 1847 M. 1840 1844 1847 M. 1843 1844 1844 1844 1844 1844 1844 1845 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846 1846	1890 D.D	
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Taylor, R. H., Rev., B. D. 1890 L.S.T. 1887 Smithers, A. W. 1885 Shenden. ** ** Shenden. ** ** Shenden. Shenden	Smith, M. A. B. 1979	The state of the s
Smitchers A. W	Smith, J., Rev., E.S. inc 1881	Taylor, R. H., Rev. R.D.
Snyder, W. H., Rev. 1825 1832 B.A. 1826 Spencer, A. G., Rt. Rev., D.C. L. hon. 1827 Spencer, J. W., M.A. inc. 1840 Spike, H. M., Rev. 1846 1850 B.A. 1853 Sterns, G. W. 1830 Sterning, J. M. 1831 1835 B.A. 1856 B.A. 1855 Sterns, H., Rev. 1855 1859 B.A. 1855 Sterns, R. S. 1848 1852 B.A. 1853 B.A. 1856 Stevens, Ven. C. E., D.C. L. hon. 1888 Stevenson, J., Rev. 1855 Stevens, Ven. C. E., D.C. L. hon. 1888 Stevenson, J., Rev. 1857 1830 B.A. 1833 M.A. 1857 Tremain, J. Tremain, W. H. 1812	L.S.T. 1887.	Taylor, W., Rev 1849
Snyder, W. H., Rev. 1825 1832 B.A. 1826 Spencer, A. G., Rt. Rev., D.C. L. hon. 1827 Spencer, J. W., M.A. inc. 1840 Spike, H. M., Rev. 1846 1850 B.A. 1853 Sterns, G. W. 1830 Sterning, J. M. 1831 1835 B.A. 1856 B.A. 1855 Sterns, H., Rev. 1855 1859 B.A. 1855 Sterns, R. S. 1848 1852 B.A. 1853 B.A. 1856 Stevens, Ven. C. E., D.C. L. hon. 1888 Stevenson, J., Rev. 1855 Stevens, Ven. C. E., D.C. L. hon. 1888 Stevenson, J., Rev. 1857 1830 B.A. 1833 M.A. 1857 Tremain, J. Tremain, W. H. 1812	Snenden1885	1847 B. A.
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Sayder, W. H. 1887 Spencer, J. W. M.A. inc. 1890 Spike, H. M., Rev. 1846 1850 B.A. 2 Stamer, H. M. 1880 Stamer, H. M. 1880 Stamer, H. M. 1880 Stamield, H. M. 1880 Starling, J. M. 1891 Sterling, J. M. 1891 Sterling, J. M. 1891 Sterling, J. M. 1891 Sterling, J. M. 1895 Sterna, G. W. 1855 Sterna, G. W. 1855 Sterna, R. S. 1848 Sterna, R. S. 1858 Stevens, Ven. C. E., D.C.L. hon. 1888 Tomason, J. Rev. 1855 Stevenson, J., Rev. 1857 Tremain, J. Tremain, W. H. 1812	1832 B.A.	1 Homas, N. C. W
Spencer, A.G., R.E. Rev., D.C.L. hon. 1827 Spencer, J. W., M.A. inc. 1830 Spike, H. M., Rev. 1846 1850 B.A. 1853 Stamer, H. M. 1880 Stamifield, H. M. 1880 Starling, J. M. 1831 1835 B.A. 1831 1835 B.A. 1831 1835 B.A. 1835 Sterns, H., Rev. 1835 1859 B.A. 1855 1859 B.A. 1855 Sterns, R. S. 1848 1852 B.A. 1858 Stevens, Ven. C. E., D.C.L. hon. 1888 Stevenson, J., Rev. 1837 Tremain, J. 1869 Tremain, J. 1869	Snyder, W. H	
Speincer, J. W., M.A. inc. 1890 Spike, H. M., Rev. 1846 1850 B.A. Stamer, H. M. 1880 Stamfield, H. M. 1890 Sterling, J. M. 1831 1835 B.A. Sterns, G. W. 1885 Sterns, H., Rev. 1885 Sterns, H., Rev. 1885 Sterns, R. S. 1848 1852 B.A. Sterns, R. S. 1848 1852 B.A. Stevens, Ven. C. E., D.C.L. hon. 1888 Stevens, Ven. C. E., D.C.L. hon. 1888 Stevens, J., Rev. 1837 Tremain, J. ** Tremain, J. ** Tremain, H. L. H. 1812		Thompson J.
1850 B.A. Thompson, A. W., E.s. 1888 Thomson, G. F. 1896 Thomson,	Spencer, J. W., M.A. inc 1880	Thomson, J. S.
Etairs, H. B. 1887 Stamer, H. M. 1880 Stamer, H. M. 1880 Stamer, H. M. 1880 Stering, J. M. 1831 1835 B.A. 1856 Sterns, G. W. 1885 Sterns, H., Rev. 1855 1859 B.A. 1856 Sterns, R. S. 1848 1852 B.A. 1856 Stevens, Ven. C. E., D.C.L. hon. 1880 Stevenson, J., Rev. 1827 Tremain, J. * Tremain, T. * Tremain, H. L. H 1812 Tremain, W. H 1812	1850 P A., Rev1846	
Stamfield, H. M. 1880 Stanfield, H. M. 1890 Sterling, J. M. 1831 1835 B.A. 1831 1835 B.A. 1831 1836 B.A. 1831 1836 B.A. 1831 1836 B.A. 1838 B.A. 1836 M.A. 1830 1852 B.A. 1853 B.A. 1838 B.A. 1856 M.A. 1830 1852 B.A. 1853 B.A. 1833 M.A. 1833 M.A. 1838 M.A. 1836 M.A. 1839 Stevens, Ven. C. E., D.C.L. hon. 1888 Stevenson, J., Rev. 1837 Temain, J. Temain, J. ** Tremain, J. ** Tremain, J. ** Tremain, H. L. H. 1812	Stairs H B	Thompson, A. W., E.S
Stanfield, H. M	Oldmer, H. M. 1000	
Sterns, G. W	Stanfield, H. M	Inorne, J. H. Inc 1837
Sterns, G. W	overning, J. M 1831	Tilley W H Por
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1859 B.A. 1806 M.A. 1807 M.A. 1808 M.A. 1808 B.A. 1808 B.A. 1809 B	Sterns, G. W	Townshend, G., Rev. 1890
Sterns, R. S. 1848 1852 B.A. 1872 B.C.L. 1869 Stevens, Ven. C. E., D.C.L. hon. 1888 1852 B.A. 1872 B.C.L. 1869 Termain, J. 1869 Tremain, J.	1850 P A	1004 D.A. INDS M A
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Stevens, Ven. C. E., D.C.L. hon. 1888 Tremain, J. 1869 Stevenson, J., Rev. 1827 Tremain, T. * 1830 B.A. 1833 M.A. Tremain, H. L. H. 1812 Stewart, J., Rev. 1637 Tremain, H. L. H. 1812	1852 B.A.	
1830 B.A. 1833 M.A. Tremain, H. L. H. 1812 Stewart, J., Rev. 1637 Tremain, W. H. 1812	Stevens, Ven. C. E., D.C.L. hon 1888	
1830 B.A. 1833 M.A. Tremain, H. L. H	1807	
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Tremain, J. P., Rev	1840 B A 1950 M A	
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Trongman T	Admission.
Trenaman, T., E.S	Wainwright, H., Rev 1859
Trim min 1 1887.	1 1000 D.A.
Trimmingham, J. L182	
Troop, G. O., Rev	2 1822 B.A.
1877 B.A. 1882 M.A.	Walker, Rt. Rev. D. D.C.L. hon. 1890
Tucker, A. T 1880	Wallace C W
Tupper Sir C ina M D - 2 7 1000	Wallace, C. H
Twining, W * Twining, J. T., Rev	1823 B.A.
Twining J T Pour	Wallop, N. W
1813 B.A. 1816 M.A.	Walton, **
	Warburton, A. B 1960.
1826 B.D. 1828 D.D.	10/4 D.A. 18/6 B.C.L.
Twining, C	Warburton, J 1974
	Ward, T. Es
Twining, H. B	Warneford, C. A. S., Rev., E.S 1885
1827 B.A.	Watson T. W.
	Watson, L. W
Uniacke, C	18-0 B.A. 1884 M.A.
Uniacke R	Weatherbe, K
Uniacke, R. F., Rev	Weatherbe, S
1010 P A 1000 15	Weeks, C. W
1010 D.A. 1823 M.A.	Weeks, C. W
1818 B.A. 1823 M.A. Uniacke, J. B	1024 D.A.
1818 B.A. 1823 M.A.	Weeks, O. S
Uniacke, A. M	1894 B A 1997 M A
1828 B.A. 1855 D.C.L. hon.	Weeks, A. H., Rev
Uniacke, C. H. 1948	1846 B.A.
Uniacke, R	Wolden C W
1800 B.A.	Weldon, C. W
Uniacke, N. F	1048 B.A. 1851 M.A.
1855 B.A.	1884 D.C.L. hon.
Unicelso P T	Weldon, H
Uniacke, R. J	1868 R.A
1856 B.A.	Welsford, A. F
Uniacke, A. E	Welsh, E. M. Rev Pg 1001
Uniacke, R. F., Rev	Wentworth, B
1009 D.A. 1803 M.A.	Wetmore, T. R1820
Uniacke, C. J	1824 B.A.
Uniacke, J. B., Rev	Wetmone D. I. D.
1862 B.A.	Wetmore, D. J., Rev
Uniacke, R. J., Rev., B.D. inc. 1866	1845 B.A.
1866 D.D.	Weelwright, C. A., Rev1865
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Uniacke, R. J., Rev. inc1868 1872 B.A.	White, C. DeW1886
	1090 D. A.
Uniacke, R.F1876	White, T. Howland
1879 B. Eng.	100/ B.A.
Upham J	White, T., Howland, Rev 1823
VanBuskirk, J. B	1827 B.A. 1866 B.D.
* ancourbange, J	1866 D D
vanCourtlandt. A. A. *	Whitehard T
VanKoughnet, B. J	Whitehead, L
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Viets, R 1803	" iggins, G. L., Rev
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Viets, G. A	Wiggins, C. O., Rev1822
1000 7	183/ M.A.
	Wiggins, A. V. G. Rev. 1009
Wade, J. R	1829 R A 1836 M A
Wade, J. M. C. Rev 1880	1829 B.A. 1836 M.A. 1841 B.C.L. 1841 D.C.L.
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1907 P A D., Rev	Wilson, W. E., Rev., M.A.hon1877
1027 B.A. 1832 M.A.	Wilson T D. 1101 1877
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1853 B.A.	1833 B.A.
Wiggins C F D.	Wilson, C. W
1960 D . F., Rev	Winslow W C Por D CT 1 1004
1809 B.A. 1890 M.A.	Winten W. C., 160v., D.C.L. non. 1887
1869 B.A. 1890 M.A. Wiggins, S	Winter, W
Wilkins, L. M., Hon. Judge 1815	Witham, W. S
1810 B A 1074 D CT	Withycombe, J. M., Rev1831
1819 B.A. 1874 D.C.L. hon.	1890 B.A.
Wilkins, M. 1	1890 B.A. Wood, A.C.F., Rev
1824 B.A.	1001 D. F., Rev
Wilkins, L. M	1002 D.A. 1808 M.A.
Wilking I. M. Der	
Wilkins, L. M., Rev	Wright, M
1861 B.A.	Wright D
Wilkinson, W. J., Rev. inc 1875	Weight W
1876 B.A.	Wright, P. * Wright, W. 1819
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	Wylie, — *
Wilson, M. L	Wylie,*
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28.

Scholars, Exhibitioners and Prizemen.

1856

Akins Historical Prize.

1865	Smith, B.
1×65	Cox, J. C.
1865	Longworth, Israel
1866	Owen, E. H.
1869	Hamilton, C. S.
1871	Smith, Rev. Watson
1872	Campbell, Rev. J. R.
1873	Robertson, T.
1874	Patterson, Rev. G.
1875	Calneck, Mr.
1876	MacDonald, J. W., M.D.
1877	Hart, Mrs. J. E.
1878	Longworth, Israel
1880	Hamilton, P. S.
1881	Draper, T. F.
1882	3, 4, not awarded.
1885	Patterson, Rev. G.
1856	not awarded.
1887	Lawson, Mrs. Wm.

1888-9 not awarded.

William Cogswell Scholars.

1849	Jarvis, G. J.
1850	Stuart, W.
1852	Hensley, J. M.
1854	Randall, J.
1855	Crisp, T.
1856	Grindon, O. M.
1858	Ansell, E.
1861	Pryor, W. F.
1863	Wood, A. C. F.
1864	Matthew, C. R.
1867	Nickerson, D.
1872	Hiltz, A. F.
1873	Troop, G. O.
1877	Harris, V. E.
1879	Butler, G. H.
1880	Vroom, F. W.
1882	Lockyer, W. J.
1884	Harley, H. A.
1889	Howcroft, G.

Bishop's Prizemen.

1854	Wiggins, C. G.
1855	Randall, J.
1856	Crisp, T.
1863	Pryor, W. F.
1864	Wood, A. C. F

1876	Warburton, A. B., B.A.
1877	How, H.
1878	Harris, V. E.
1881	King, W. B.
1882	3, 4, 5, not awarded.
1886	Harley, A. W. M., Rev., B.A.
1887	Tucker, A. T., B.A.
1888	not awarded.
1889	not awarded.

P

Fri 1881 Ra 1882 Tu Almo 1857 Fra

Ow

Gil 1869 Arc

1877 Sco Pet 1880 1881 1882 Ta: Ha 1883

1858 Ho Pry 1859

1860 Sm

1861 Bul 1862 Cha Bla I863 1864 Fre 1865 We 1866 Boy 1867 1868

1870 1871 Hir 1872 Ho 1873 Ru 1874 Tro 1875 1876 Bar Mo 1877 Vro 1878 1879 But Sin 1880 Fri 1881 Nic 1882 Sau 1883 Hu 1884 Aln 1885 Silv 1886 All

1847 1888 Abl 1889

1890 Ray

Gene 1867-1. 2 A 3 V

Binney Exhibitioners.

	1861	Bullock, W. H. E.
	1863	Croucher, C.
	1867	Shreve, R.
	1868	Wheelwright, C. A.
	1869	Keating, J. L.
	1870	Uniacke, R. J.
	1871	Tremain, J. P.
	1872	Atwater, H. W.
	1873	Troop, G. O.
	1875	Bambrick, R. D.
	1876	Butler, W. R.
	1877	Ambrose, W. C.
	1878	Vroom, F. W.
	1879	Partridge, J. W.
	1880	Martell, G. R.
	1881	Stamer, H. M.
Ì	1882	Rattenbury, M.
	1883	Dunham, J. A.
	1884	Gow, F. R.
	1884	Pickett J. A.
8	1885	Fullerton, C. H.
	1886	Smithers, A. M.
	1887	Roberts, G. B.
9	1888	Campbell, W. F.
	1889	Howcroft, G.
	1890	Hutchings, R. F.
8	TOTAL PROPERTY.	0.,

Ansell, E.

1860 Wilkins, L. M.

McCawley Classical Scholars.

1880	Vroom, F. W.
1884	Saunders, C. A.
1885	Hunt, T. H.: Simonds, C. E. A.
1886	Brine, C. leV.
1887	Brine, C. leV. Silver, J. P.
1888	Allison, D. P.
1880	Abbott, C. G.

President's Prizemen.

1877 Scott, H. P. Peters, G. J. D. King, W. B. 1880 1881

Tayler, B. W. R. Harley, A. W. M. 1882 1883

Divinity Prizemen.

Frith, F. W. Raven, N. R 1881 1882 Tucker, A. T.

Almon-Welsford Prizemen.

1857 Fraser, J.

Hodgson, G. W. Pryor, W. F. Smith, B. 1858 1859 1860

Bullock, C. B. Chandler, J. B. Black, J. F. 1861 1862

I863 1864 Fretwell, R. J.

1865 Weldon, H. Bowman, W. Owen, E. H. Gilpin, E. 1866 1867

1868 Archbold, F. 1869

Warburton, A. B. 1870 1871 Hind, D. H.

1872 How, H. 1873

How, H.
Rutherford, J. G.
Troop, G. O.
Bambrick, R. D.
Morris, W. S. H.
Vroom, F. W.
Butler, G. H.
Smith, M. A. B.
Frith, F. W.
Saunders, C. A.
Hunt, T. H.
Almon, J. M.
Silver, J. P.
Allison, D. P.
Withycombe, I. M.
Abbott, C. G. 1874 1875 1876

1877 1878 1879

1880 1881

1882

1883 1884 1885

1886 1847

1888 Abbott, C. G. 1889

1890 Raymond, P. M.

E. A.

General Williams Prizemen.

1867-1. Bowman, W. 2 Armstrong, J. S. 3 Wheelwright, C. A. 1868-1 Shreve, R. 2 Dickey, J. A. 3 No candidate.

1869—1 Gilpin, E. 2 Hamilton, C. S. 3 Shreve, R.

1870—1 Keating, J. E. 2 Warburton, A. B. 3 Hamilton, C. S.

1871—I' not awarded 2 Dodwell, C. W. 3 No candidate.

1872—1 Dowell C. W. 2 Hind, D. H

3 How, H. 1873—1 How, H. 2 Allison. W. E. 3 Dodwell, C. W. 1874—1 Not awarded.

2 Heckman, J. W. 3 Allison, W. E. 1875—1 Harris, V. E. 2 No candidate. 3 No candidate.

1876—1 Butler, W. R. 2 Butler, W. R. 3 Scott, H. P.

1877-1 Not awarded. 2 Ambrose, W. C. 3 Ambrose, W. C. 1878—1 Not awarded.

1878—1 Not awarded.
2 Hind, J. Y.
3 Wood, Z. T.
1879—1 Uniacke, R. F.
2 Uniacke, R. F.
3 No candidate.

1880-1 Curry. M. A. 2 No candidate. 3 King, W. B.

1881—1 No candidate. 2 No candidate.

3 Hensley, H. A. 1882—1 Parlee, Henry T. 2 No candidate. 3 Jones, H. P.

1883—1 Hanwright, F. W. 2 No candidate. 3 No candidate.

1884-Discontinued on death of Gen. Williams.

McCawley Hebrew Prizemen.

1853 Hensley, J. M., (1st cl.) 1853 Wiggins, C. G., (2nd cl.) 1855 Crisp, T.

1857 Almon, H. P.	1875 Bambrick, R. D. 1876 Butler, W. R. 1877 Vroom, F. W. 1878 Curry, M. A. 1878 Butler, G. H. 1879 Hensley, H. A. 1880 Harris, E. A. 1881 Dodwell, P. R. 1882 Saunders, C. A. 1883 Dunham, J. A. 1883 Hunt, T. H. 1884 Murray, A. B. 1885 Silver, J. P. 1885 Fullerton, C. H. 1886 Allison, D. P. 1887 Withycombe, I. M. 1887 Withycombe, I. M. 1888 Campbell, W. F.
1871 Hind, D. H.	
1872 How, H.	
1872 Hiltz, A. F.	Bishop Binney Reponsions Prize.
1873 Allison, W. B.	
1873 Rutherford, J. G.	1889 Abbott, E. G.
1874 Troop, G. O.	Payzont, J. A.
All the following Candidates wer	re pupils of St. Margaret's Hall:
HEAD MASTER, REV.	
Ambung C F Min-	Junior, Senior.
Ambrose, C. E., Miss	Junior. Senior. 1879 1880
Brown, E. P. "	Junior. Senior. 1879 1880 1882
Brown, M. S. "	Junior. Senior.
Brown, E. P. " Brown, M. S. " Conrod, E. A. "	Junior. Senior
Brown, E. P Brown, M. S Conrod, E. A Crowe, F. H	Junior. Senior. 1879 1880 1882 1882 1882 1879 1879
Brown, E. P. " Brown, M. S. " Conrod, E. A. " Crowe, F. H. " Doane, S. M. "	Junior. Senior. 1879 1880 1882 1882 1879 1879 1879 1880
Brown, E. P	Junior. Senior. 1879 1880 1882 1882 1882 1879 1879 1880 1880 1880
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A.	Junior. Senior. 1879 1880 1882 1882 1879 1879 1879 1879 1879 1879
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A.	Junior. Senior. 1879 1880 1882 1882 1879 1880 1880 1880 1879 1879
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B.	Junior. Senior. 1879 1880 1882 1882 1889 1879 1880 1880 1879 1879 1879 1879 1879
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M.	Junior. Senior. 1879 1880 1882 1879 1879 1879 1879 1879 1879 1879 1879 1880
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A.	Junior. Senior. 1879 1880 1882 1879 1879 1879 1879 1879 1879 1879 1879 1880
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, M. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P.	Junior. Senior. 1879 1880 1882 1882 1879 1870 1880 1879 1879 1879 1879 1879 1879 1879 1880 1890 1879 1880 1879 1880
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P. Morrow, S.	Junior. Senior. 1879 1880 1882 1882 1879 1880 1879 1870 1879 1879 1879 1879 1879 1879 1880 1880 1880 1889
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P. Morrow, S.	Junior. Senior. 1879 1880 1882 1882 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P. Morrow, S. Tremaine, M. P.	Junior. Senior. 1879 1880 1882 1882 1879 1880 1879 1870 1879 1879 1879 1879 1879 1879 1880 1880 1880 1889
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P. Morrow, S. Tremaine, M. P. All the following were pupils of Girlsunichrast, Esq.,	Junior. Senior. 1879 1880 1882 1882 1879 1870 1880 1870 1870 1870 1870 1870 1870 1880 1880 1880 1882 1882 ton House School, Head Master, F. C.
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P. Morrow, S. Tremaine, M. P. All the following were pupils of Girl Sumichrast, Esq.,	Junior. Senior. 1879 1880 1882 1882 1879 1870 1882 1879 1882 1879 1882 1882 1882 1888 ton House School, Head Master, F. C. 1st class. 1887
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P. Morrow, S. Tremaine, M. P. All the following were pupils of Girlsundrast, Esq., McGregor, J., Inglis, G. C.	Junior. Senior. 1879 1880 1882 1882 1882 1879 1870 1870 1870 1879 1879 1879 1879 1879 1879 1879 1880 1879 1882 ton House School, Head Master, F. C. 1887 1887
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, M. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P. Morrow, S. Tremaine, M. P. All the following were pupils of Girl Sumichraet, Esq., McGregor, J., Inglis, G. C. Browne, A. E. "	Junior. Senior. 1879 1880 1882 1882 1882 1879 1870 1870 1870 1879 1879 1879 1879 1879 1879 1879 1880 1879 1882 ton House School, Head Master, F. C. 1887 1887
Brown, E. P. Brown, M. S. Conrod, E. A. Crowe, F. H. Doane, S. M. Forbes, M. F. Forbes, S. A. Harrington, M. A. Johnstone, C. B. Jones, W. M. McCormack, A. DeMille, L. P. Morrow, S. Tremaine, M. P. All the following were pupils of Girlsunichraet, Esq., McGregor, J., Miss. Inglis, G. C. Browne, A. E. Murray, N.	Junior. Senior. 1879 1880 1882 1882 1879 1870 1882 1879 1882 1879 1882 1882 1882 1888 ton House School, Head Master, F. C. 1st class. 1887
Brown, E. P. Brown, M. S. " Conrod, E. A. " Crowe, F. H. " Doane, S. M. F. Forbes, M. F. " Forbes, M. A. " Harrington, M. A. " Johnstone, C. B. " Jones, W. M. " McCormack, A. " DeMille, L. P. " Morrow, S. " Tremaine, M. P. " All the following were pupils of Girlsunichrast, Esq., McGregor, J., Miss. Inglis, G. C. Browne, A. E. " Murray, N. " Lawson, F. M. "	Junior. Senior. 1879 1880 1882 1882 1879 1880 1880 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1879 1880 1879 1882 1879 1882 1879 1882 1882 1887 1887 1887
Brown, E. P. Brown, M. S. " Conrod, E. A. " Crowe, F. H. " Doane, S. M. F. Forbes, M. F. " Forbes, S. A. " Harrington, M. A. " Johnstone, C. B. " Jones, W. M. " McCormack, A. " DeMille, L. P. " Morrow, S. Tremaine, M. P. " All the following were pupils of Gir' Sumichraet, Esq., McGregor, J., Miss. Inglis, G. C. " Browne, A. E. " Murray, N. " Lawson, F. M. "	Junior. Senior. 1882 1882 1882 1889 1879 1879 1880 1879 1879 1879 1879 1879 1879 1880 1890 1890 1890 1890 1890 1890 1882 1882 1882 1882 1882 1882 1882 188

In acc

1890.* June 30

1890. June 30.

St. John Prince E Merchan St. John Tennesse

N. S. Mo P. E. Isla Deposit I Savings' Propertie New End Invested Deposited Halifax C Canada P

Collection Alumni... Sundries.

FINANCIAL STATEMENT.

The General Fund of King's College, Windsor,

In account with Jno. Y. Payzant, Treasurer, for Collegiate year ending June 30th, 1890.

1890.*	
June 30.	To cash paid for salaries from June 30, 1889, to date \$5757 50 Prizes, Scholarships, &c. 186 72 Interest on overdrawn Bank of Nova Scotia 116 67 Insurance 520 00 Repairs 402 30 Miscellaneous 345 88 \$7329 07
1890.	
June 30.	By cash received, interest on securities held for General Fund from June 30, 1889, to date

Prize.

TES.

F. C.

Statement of the General Funds, June 30, 1890.

	Princ	ipal. In	ter	est.
St. John Debentures. Prince Edward Island Bonds. Merchants' Bank, Boston St. John Water. Tennessee Bonds.		00 1 00 4 00	50 80 18	00 00 00 00
	\$27000	00 \$10	50	00
N. S. Mortgages			52	00
Savings' Bank			09	04
Properties under foreclosure			21	
New Endowment Fund	5947		85 12	
Deposited in Building Society			73	47
Halifax City Debentures Canada Pacific R. Bond			23 25	
Collections		28 38	52 86 50 73	94 00
		8516	33	04

	The Vis	itors' Fund of King's College,	
	In account	with Jno. Y. Payzant, Treasurer.	
1890.		a total o no. 1. 1 agrant, 1 reasurer.	
June 30.	T		
June 30.	Scholorships	salaries from June 30, 1889, to date. \$1443 35	
	Renairs		
	Insurance, w	52 95 ater rates, &c	
	Balance		
1000			85 48
1890.			
June 30.	By cash received	d, interest on securities from June,	
		1889, to date\$1051 50	
		Mortgages 208 99	
	" "	Properties (rent)	
		Interest on Deposit Receipts 190 69	
		Claremont Fund held	
		by General Fund in	
		trust 351 00	0= 40
		521	85 48
	STATEMENT	of visitors' fund, june 30, 1890.	
	J		
		Principal. In	terest.
New York	Central Bonds	\$6000 00 \$ 1	50 00
mailiax vv	ater bonds	4679 00 0	74 50
Fredericte	Donds		60 00
PEID	aboutage		25 00
Bank of N	Ove Section		20 00
Moneton I	Sonda-		82 00
Montreal '	relement.	····· 6000 00 19	80 00
	reregraph	1000 00	60 00
		\$25672 00 \$100	51 50.
Mortgages		8030 67 20	08 99
Rose Prop	erty		13 30
Duggan		9000 00 9/	10 00
Deposit Re	eceipts	5986 67 10	90 69
THICELESE OF	d Claremont run	d, held by General Fund in trust	00
566)	00)		51 00
Warnford	Fund (S. P. G.)	5000 00	

Stevenso O M A

Welsfor Akins... Pastoral Cogswel McCawl

Binney

General Visitor Mounts

The buildir

22185 48

.. 5000 00 \$49589 34

Statement		T	Funda	for	Prizes	R.C.
Statement	of	Trust	Funas	TOF	Frizes,	OLU.

Stevenson— On deposit N. S. Building Society. Mortgage. Advance Collegiate School in 1877 towards building new school.	7	•	\$ 80 60	
	\$4000	00	\$140	00
	. 389	33	23	36
Welsford	100		29	20
Akins	080		58	40
Pastoral Theology				36
Cogswell Cricket Prize				00
MoComplex Classical			•	
			50	00
Binney Exhibition				
	\$7938	66	\$354	32
	7	_		

McCawley Hebrew Prize Fund-

2185 48

2185 48

Interest.

Three shares Bank B. N. A. held in trust by S. P. G.

Summary.

\$105654 26 \$5163 04

General Fund 49589 34 Visitors' Fund 2398 09 Mountain Fund 2398 09	2185 444	
\$157641 69	\$7793	22
DEDUCT.		
Interest Claremont Fund held by General Fund in trust for Visitor as by statement of Visitors' Fund	351	00
Income for year	\$7442	22

The foregoing statement does not include the value of the real estate, College buildings, &c., nor interest monies received immediately after July 1st.

King's College, Restoration Fund,

FOR COLLEGIATE YEAR ENDING JUNE 30TH, 1890

In account with J. C. Moody, M. D., Treasurer.

Dr.	
To amount previously expended. Paid Wilcox Bros., sundries for Convocation Hall. Balance in hand.	\$4336-07 8 70 81 94 \$4426 71

CR.		
By amount previously acknowledged in Calendars	4001 80	
Balance from Enconia Offertory 1889	10 01	
Amount of subscription, W. C. Ambrose, C. E. Col. "Rev. S. Weston Jones	10 01	
Rev. S. Westen Jones	5 00	
Cash from Rev. H. Howe in on acct. collections.	20 00	
22. 220 We in on acct. confections	10 00	
		4426 71

Note.—The very necessary work of fencing, in a substantial manner, the front of the College property and also that of the Collegiate School is in course of construction, and it is hoped that there will be about fund senough to meet this outlay. Funds are however still required for contemplated repairs on interior of main College Building, &c.

Contributions are solicited and will be thankfully acknowledged by the Lay-Treasurer.

Endowment Fund King's College, Windsor,

FROM AUGUST 10TH, 1886, TO JANUARY 31ST, 1890. In account with Edwin Gilpin, Honorary Treasurer.

ABSTRACT.

Daid a	DR,			
raid c	ommissions on collections	9 98	2 04	
. 1	Postages, and discount on cheques	00	25	
(, 20	
	brose and paid into Endowment Fund by mistake, and			
	now transferred			
F	now transferredor densit receipts subsequently to	276	3 50	
	ment (a) \$1000, (b) \$1000, (c) \$1000, (d) \$500	3500	00	
F	or investments: Amount of Premium and			
	City Permanent Stock 22000 00 2200 00	3309	00	
	W. H. Sweet, mortgage. Ogoo oo			
	1 10v. New Drunswick. 2 honds 1000 00 001 10	2500		
		1234		
	500 00 50 89	550	89	
	_		\$1	1689 00
1886.	Balance from CR.			
1000.		\$ 289	95	
1887.		2991	34	
1001.	110m Dr. Cogswell, per R (4 (4	500		
		100		
	101 2 deposit receipts taken un (a) \$1000	100	00	1
		0000	00	
		2000		
Dec. 19	" " " Davings Dank	1000	00	
1888.				
	for deposit receipts taken up	500	00	
	" " " "	88	00	
1889.		1000	00	
1000.	" coll. by Dr. Ambrose in N. B. (Guarantee			
uly.		276	50	
uly.		500		
	Balance due Treasurer	20		
		20		000 00
			-911	689 00

To debit of New Account......\$20 99

EDWIN GILPIN, Honorary Treasurer.

The account in detail was audited 9th June, 1890, and found correct by Messrs. C. Silver and R. J. Wilson, appointed as Auditors by the Board of Governors.

State

Bonds, 46 "

Stock, M Bonds, C Stock, C Mortgag

*This The stoc †Inte

1889-9 Balance i Room ren Stationer Fees for Library a Chapel Collegiat Practical

Balance i

The Bu

Subscripti thro

Wm. C. A A. H. Dir Rev. Jas.

Rev. J. C

Statement of Securities New Endowment Fund, King's College, June, 1890.

INVESTMENT.	Supposed Value.	Annual Income
Bonds, St. John, N. B., No. 52	1000 00	\$ 144 00 50 00
"Truro, N. S. "16 Stock, Montreal Telegraph, 75 shares. Bonds, Colchester Co., 10 bds. Stock, City of Halifar Permanent, 30 shares	1000 00 500 00 3250 00 4700 00 3000 00	60 00 25 00 *240 00 235 00 150 00
	18350 00	\$904 00

*This amount cannot be depended upon at this rate in consequence of litigation. The stock may now be quoted at par.

†Interest on Roache Fund paid half-yearly to R. Roache during life.

he front of coneet this interior

889 00

essrs.

nors.

EDWIN GILPIN, Honorary Treasurer.

The Bursar in account wite Hon. Board of Governors of King's College.

1889–90,	DR.		CR.		
Balance in hand from 1888-9	\$ 72	52			
Room rent, road money, general repairs and expenses	110	58	\$483	10	
Stationery account	17	en	35	63	
rees for Degrees, Tuition, &c	346	50	33	90	
Library account	146	61	2	68	
Chapel	177	20	49	51	
Collegiate School account	150	00	89	30	
Practical Chemistry "	80	RA.	111	49	
Balance in hand			145	42	

\$951 03 \$951 03

W. R. BUTLER, Bursar, K. C. W.

Guarantee Fund of King's College.

Subscriptions for current expenses, collected by Rev. John Ambrose, D.C.L., remitted through the Secretary, and included in aggregate of Treasurer's accounts.

CALIFORNIA.

Wm. C. Ambrose, C. E., Ti Richard Ambrose.	alare,	2nd payt.	of 3 years'	subscriptions.	\$25	.00
Richard Ambrose, A. H. Dimock, C. E.,	"		"		10	UU
Rev. Jas. Simonds, Salinas.		lst "	5 "		10	
- Com Cast Dimonds, Danias,		190	.0		5	UU

NEW BRUNSWICK.

Rev. J. C. Titcombe, Fairville, 1st payt. of 5 years' subscriptions...... 10 00

A

Establis

THE

Alumniøf King's College,

WINDSOR, NOVA SCOTIA.

Established 1846.

Incorporated 1847.

OFFICERS

The Alamni of King's College,

FOR THE YEAR ENDING JUNE, 1891.

President.
THOMAS TRENAMAN, M.D.

Vice-President.
WILLIAM C. SILVER.

Executive Committee.
THE PRESIDENT, VICE-PRESIDENT, AND

REV. CHARLES BOWMAN, D.D., HON. S. L. SHANNON, D.C.L., W. KER DIMOCK, REV. J. OWEN RUGGLES, M.A., ROBERT J. WILSON, H. PERCY SCOTT, M.A., REV. JOHN AMBROSE, D.C.L.

Treasurer.
HON. S. L. SHANNON, D.C.L.

Secretary. ROBERT J. WILSON. An

Dr. Pra

The read ar

Pro The table fo

The Associa A. D Rev. Jas Miller, V N. B.; V Snow, Pi Oak Poir

The the Exe

Rev. Dorchest Dorchest Rothesay

EPITOME OF PROCEEDINGS

OF THE

Annual Meeting of the Alumni,

HELD IN THE COLLEGE HALL, WINDSOR.

On Wednesday, June 25th, 1890, at 10,30 A. M.

Dr. Trenaman, president, in the chair.

Prayers, by the Rev. Canon Maynard.

The minutes of last annual meeting, 26th, June, 1889, were read and approved.

Proxies were handed in, examined, and found correct.

The minute book of the board of governors was laid on the table for information.

The following were proposed and elected members of the Association:—

A. DesB. Tremaine, Halifax; Hon. D. L. Hanington, Dorchester, N. B.; Rev. Jas. Spencer, Petite Riviere; Rev. S. Weston Jones, Windsor; K. F. Campbell, King's College; J. Roy Campbell, St. John, N. B.; W. L. Payzant, King's College; J. Albert Payzant, King's College; Clo. Snow, Pictou, N. S.; Rev. C. F. Wiggins, Sackville, N. B.; Rev. D. W. Pickett, Oak Point, N. B.

The president announced that the following were elected by the Executive Committee during the year, under No. 9, of "Rules passed at different times":—

Rev. G. H. Butler, Chester; Rev. Bruce Mackay, Bermuda; John B. Forster, Dorchester, N. B.; Rev. J. Roy Campbell, Dorchester, N. B.; H. W. Palmer, Dorchester, N. B.; James Rourke, St. Martin's, N. B.; Rev. G. E. Lloyd, Rothesay, N. B.; Mrs. A. McN. Travis, Hampton, N. B.

The annual report of the executive committee (page 159), including the treasurer's account (page 160), was submitted, received, and adopted.

Mr. W. C. Silver was re-elected vice-president of the alumni.

Messrs. R. J. Wilson, H. P. Scott, and Rev. Dr. Ambrose were elected to fill the vacancies on the executive committee.

Messrs. J. Y. Payzant, and C. E. A. Simonds were elected governors, in place of Messrs. J. C. Moody, M. D., and I. Allen Jack, D. C. L.

Money votes were passed as follows:—

The governors,	towards salary of professor of modern languages, for the
Do. do.	ensuing year, the usual amount. \$250.00 special extra, for ensuing year. 100.00 for past year. 60.00

The subject of a CHURCH OF ENGLAND SCHOOL FOR GIRLS was brought up by the Rev. J. Roy Campbell, of Dorchester, N. B., on whose motion the following resolutions were adopted:—

- I. That it is desirable that steps be immediately taken to establish a Church of England School for Girls.
- II. That it is desirable that such school shall be established and managed upon a basis similar to that of the collegiate school for boys.
- III. That a committee of five be appointed to consider and formulate a feasible scheme for carrying out the undertaking and report this p. m.

The following gentlemen were appointed a committee under Resolution III:—

John B. Forster, Judge DeWolf, Rev. W. B. King, E. W. Dimock, Rev. H. How, C. F. Fraser.

AFTERNOON SESSION.

The committee on the Church School for Girls submitted a report, which was adopted in the following form:—

This committee report in favor of a scheme for establishing a SCHOOL FOR GRIES similar to the one submitted to the Diocesan Synod of Nova Scotia, in 1886, by Prof. Hind and others, or some other suitable scheme in the wisdom of the Synod; such school to be established by a joint stock company; to be a Church of England School; and to be under episcopal supervision.

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of Nova of Scheme int stock episcopal Resolved, That copies of the resolution just passed be sent to the Bishops of the dioceses of Nova Scotia and Fredericton, with the request that they will bring the subject of it before their respective Synods.

Votes of thanks were passed to the president for his conduct in the chair, and to the manager of the I. C. R., the W. C. R., the W. & A. R., and the Yarmouth S. S. Co., for reduction in fares.

The consideration of the report of the committee appointed in 1887 to codify the acts, by-laws, and rules (p. 123, calendar 1888, and 122, 1889) was deferred for another year.

REPORT OF THE EXECUTIVE COMMITTEE. (See p. 158.)

WINDSOR, N. S., 25th June, 1890.

The Executive Committee of the Alumni of King's College, Windsor, on their forty-third anniversary, the centenary of the college, submit the following

REPORT.

 The committee have the pleasure of announcing that the Rev. W. B. King, M. A., Rector of St. Luke's, Halifax, has kindly consented to deliver the alumni oration at the encenia to-morrow.

2. The treasurer's accounts for the year ended 30th April, showing a balance in hand of \$446.11, and duly audited, is submitted herewith. From this balance, however, must be deducted \$75.00, paid in as donations to constitute life membership, and which under sec. VIII., of the Act to Incorporate the Alumni (Chap. 53, Acts of 1847) cannot be used as income, but must be invested as capital. This leaves the net balance, \$371.11.

3. Two governors of the college are to be elected in place of J. C. Moody, Esq., M.D., and I. Allen Jack, Esq., who go out of office under sec. 3, chap. 66, Acts of 1853.

4. Under by-law IV., the vice-president goes out of office, but is eligible for re-election.

5. Under the same by-law Messrs. Wilson, Scott, and Ouseley retire from office, but are eligible for re-election.

6. The committee have coöperated with the governors in arranging for the due celebration of the centenary of the university, and they trust that such an enthusiasm will be aroused by the proceedings of this week as will restore our venerated Alma Mater to its wonted position in the fore-front of the educational institutions of the Maritime Provinces.

7. The committee regret to have to announce the death, during the year, of the following members of the college:—

Hugh Hartshorne,—matriculated 1820; B.A., 1824; B.C.L., 1858; D.C.L., 1858.

Rev. W. H. Snyder,—matriculated 1828; B.A., 1832.

THOS. TRENAMAN, President. R. J. WILSON, Secretary.

THE ALUMNI OF KING'S COLLEGE in account with S. L. SHANNON, Treasurer. (p. 158.)

1889.	Dr.	1 ()
Aug. 21.	To cash paid R. J. Wilson, Secretary, 1 year's salary. \$ "" sundry accounts, viz. : Estate W. Elder . \$5 70 Critic Publishing Co. 2 00 Morning Herald 5 25 Morning Chronicle . 5 25	
Dec. 16.	" Holloway Bros., amount acct	18 20 33 30 175 00
April 22.		175 00 446 11 ——\$907 61
1889.	Cr.	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
May 1. 7.	By balance in Bank of Nova Scotia	
June 22. 22. July 4.	R. J. Wilson, on acct. of collections	100 00 12 00 114 00
July 4.	" 6 months' interest on City of Halifax and City of St. John Debentures	49.01
Sept. 10.	Kev. G. H. Butler, life membership fee.	48 01 25 00
Oct. 22.	" R. J. Wilson, on acct. of collections" " T. W. Hunt. Charlottetown, P. E. I	22 00
Dec. 14.	W. L. Lowell & Co., 6 months coupons)	4 00
1890.	Massachusetts Bonds	100 00
Jan. 1.	" 6 months interest on City of Halifax and)
" 4.	" " R. J. Wilson, on acct. of collections	48 01
April 29.	" " " Control of the	24 00 63 00
		\$907 61

E. E. May 15, 1890.

S. L. SHANNON, Treasurer.

Auditors-

J. O. RUGGLES, H. P. SCOTT.

Halifax, 15th May, 1890.

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Legislation Affecting King's College,

ARRANGED IN CHRONOLOGICAL ORDER, AND CAREFULLY COLLATED
WITH THE ORIGINALS AS PUBLISHED AT THE TIME OF
ENACTMENT.

ACTS OF THE GENERAL ASSEMBLY OF THE PROVINCE OF NOVA SCOTIA, 1847. (10 VIC.) p. 130.

CAP. LIII.

An Act to Incorporate the Alumni of King's College, Windsor.

(Passed the 30th day of March, 1847.)

Whereas a number of persons have associated themselves under the name of the Alumni of King's College, Windsor, for the promotion of Education, and have raised, by private contribution, sums of Money which they are desirous to expend in aid of the Funds of the said College, on the promotion of Education in the said College, and the Collegiate School at Windsor connected therewith, in or towards the maintenance and support of the Teachers therein, or in such other way as may best conduce to the end which they have in view, and they are desirous of obtaining assistance from the Legislature by the passing of an Act of Incorporation for enabling them to hold property, and manage their affairs, with greater ease and convenience.

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I. Be it therefore enacted, by the Lieutenant-Governor, Council, and Assembly. That John T. Twining, James B. Uniacke, Henry Pryor, Hugh Hartshorne, and all and every such other person and persons as now are members of, or in the said Society, and their successors, shall be, and are hereby appointed a Body, Politic and Corporate, in deed and in name, by the name of "The Alumni of King's College, Windsor," and by that name have succession and a common seal, and by that name shall sue and be sued, plead and be impleaded, at law and in equity, and in all Courts and places, and be able and capable in law to have, hold, purchase, get, receive, take, possess, and enjoy, Lands, Tenements, Hereditaments, and Rents, in fee simple or otherwise, and also Goods and Chattels, and all other things, real, personal, and mixed, and also to give, grant, sell, let, assign, or convey the same, or any part thereof, and to do and execute all other things in and about the same as shall or may be thought necessary or proper; and also shall have, from time to time, and at all times, full power, authority, and license, to constitute, make, and establish such Bye Laws, Rules, and Ordinances, as may be thought necessary for the rule and good management of said Society, the establishing of the officers proper for the management of its affairs, and declaring the extent, duration, and authority of the offices and officers of the Society, and their mode of appointment, and generally for promoting the objects of the Society: Provided such Bye Laws, Rules, and Ordinances be not contrary or repugnant to the Laws and Statutes of this Province, or those in force within the same, or to the Laws and Statutes of King's College, Windsor, respectively, at the time such Bye Laws, Rules and Ordinances may be constituted and established, or to the provisions of this Act: And provided also, that the said Society shall not hold at any time, Lands, Tenements, Hereditaments, Goods, Chattels, Property, or Effects, of greater value than Ten Thousand Pounds.

II. And be it enacted, That all persons paying an annual subscription of Twenty Shillings, or upwards, or making at one time a donation of Twenty Pounds, or upwards, shall be entitled to be Members of the said Society, having been duly admitted

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pursuant to the Bye Laws thereof: Provided that such annual subscription or donation be actually paid into the Funds of the Society, and provided that no person now a Member of the said Society, or who hereafter may become a Member of the same shall at any time hereafter continue a Member of the same unless he shall have heretofore paid, or shall hereafter pay at one time into the Funds of the said Society, a donation of at least Twenty Pounds, or shall hereafter annually, and from year to year, pay into the said Funds the sum of Twenty Shillings or upwards, and if such annual subscription, or payment of any such annual Member, shall not be paid on the first day of May in each year, such Member shall thereupon cease to be a Member of the said Society, until such annual subscription or payment shall be actually paid, or until such person shall otherwise become a Member of the said Society, under some Bye Law or Rule thereof.

[This section is amended by Chapter 64, of the Acts of 1882, q. v., (page of 169 this calendar), the provides that the alumni may, at any annual general meeting, fix the amount of the annual subscription, and the amount of donation to entitle to life membership, Nor 70 EXCEPT the amounts mentioned in this section.

At the annual meeting on 28th June. 1882, (p. 85 of the minutes) it was RESOLVED "That the annual subscription be two dollars, and that the payment of the sum of twenty-five dollars by any person at any one time entitle him to life membership."]

III. And be it enacted, That the said Society shall be governed, and its affairs managed by a Committee of nine, comprising a President, Vice President, and seven other Members, a Secretary and Treasurer; the said Committee to be henceforth called the Executive Committee, and such other Officers as the said Society from time to time may think proper.

IV. And provided, and be it enacted, That John T. Twining, D. D., now the President of the said Society, shall, after the passing of this Act, be the President of the said Society; that the Honorable Henry Hezekiah Cogswell, now the Vice President of the said Society, be the Vice President of the said Society after the passing of this Act; that Samuel L. Shannon, Esquire, now the Secretary and Treasurer of the said Society, be the Secretary and Treasurer thereof after the passing of this Act; and Samuel P. Fairbanks, Henry Pryor, James B. Uniacke, William J. Almon, Robert Fitzgerald Uniacke, Mather B. Almon, and Charles Twining, now the Managing Committee of the said Society,

shall, after the passing of this Act, be the Executive Committee of the said incorporated Society, until an Executive Committee be elected under this Act.

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V. And be it enacted, That all persons, without regard to religious denomination or difference of religious sentiments, may be, and at any time hereafter become Members of the said incorporated Society, being in all other respects entitled to be and become Members of the said Society, and now and at any time hereafter may hold any of the said appointments, or any other offices and appointments in the said incorporated Society, being duly elected and appointed thereto pursuant to the Bye Laws thereof, anything contained herein, or in any Rules, Regulations, or Bye Laws of the said Society, to the contrary notwithstanding.

VI. And be it enacted, That the said Society, incorporated as aforesaid, shall have power, from time to time hereafter, to appoint the President, Vice President, and Executive Committee, at some General Meeting of the said Society, by a majority of the Members of the Society present, the whole number present being not less than twenty Members, according to such regulations concerning such appointments as may hereafter be made by any Bye Laws of the said Society, to be made by virtue hereof.

VII. And be it enacted, That the Secretary and Treasurer of the said Society, and such other officers as may hereafter be required for the management of its affairs, shall be appointed in such manner as shall be declared by the Bye Laws and Rules of the said Society, to be passed by virtue hereof.

VIII. And be it enacted, That all donations to the said incorporated Society, to constitute Life Members, or otherwise of not less than Twenty Pounds, shall be invested under the direction of the Executive Committee, as a permanent Fund for the benefit of the said Society, and that the funds of the said incorporated Society shall, from time to time, be paid and applied by the Executive Committee in such way and for such purposes only as any General Meeting of the Society may direct or

appoint: and that the Executive Committee shall be bound, and are hereby required annually to account to the Society for all their acts, receipts, expenditures, and doings whatsoever, in the said office, and to make a report, annually, to the said Society at the General Meeting, of the progress and state of the said Society, and of its affairs generally.

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IX. And be it enacted. That a General Meeting of the said Society shall be held once, that is to say, some time within the last ten days of the month of June, in each year; and as much oftener as may be directed by any Rule or Bye Law of the said Society.

X. And be it enacted, That the Executive Committee of the said Society shall meet and assemble as often as there may be occasion, and any three Members shall form a quorum.

STATUTES OF NOVA SCOTIA, 1853, (16 VIC.) p. 193. CHAPTER 66.

An Act to Incorporate the Governors of King's College, Windsor, and to repeal the Act for founding, establishing, and maintaining a College in this Province.

(Passed the 4th day of April, A.D., 1853.)

Be it enacted by the governor, council, and assembly, as follows:

- 1. The act passed in the twenty-ninth year of the reign of his late majesty king George the third, entitled, an act for founding, establishing, and maintaining a college in this province is hereby repealed.
- 2. The lord bishop of Nova-Scotia, the honorable Brenton Halliburton, reverend George McCawley, D.D., the honorable James B. Uniacke, and Lewis Morris Wilkins, esquire, together with eight persons, being members of the church of England, to be elected at a general or special meeting of the "alumni of

King's college, Windsor," shall be governors of the college hereby incorporated.

[Chapter 63, of the Acts of 1883, q. v., (page 169 of this calendar,) provides that the number of governors may be increased by representatives from sundry synods.]

3. The lord bishop of Nova-Scotia, for the time being, shall be always ex-officio a governor, president of the board and visitor, the said Brenton Halliburton, George McCawley, James B. Uniacke, and Lewis Morris Wilkins, shall be governors for the term of their respective lives; and of the eight persons so to be elected by the alumni of King's college, Windsor, two shall, in each and every year, successively, in the order of their election, go out of office, but such two governors may be re-elected.

(Chapter 100, of the Acts of 1866, q. v., (page 108 of this calendar) provides that no person shall be re-elected coverage until after at least eleven months from the time he shall have last served as governed to a popular only to governors elected by the altimn; those elected by the synods are, by chapter & Esse, subject, so far as eligibility for re-election, &c., are concerned, to the regulations of their respective synods.]

- 4. All vacancies hereafter occurring, whether by death, resignation, removal from office, or otherwise, amongst the governors, from time to time, shall be filled up by the alumni of King's college, Windsor, in manner hereinbefore appointed, but the governors shall always be elected from among members of the church of England, and every person hereafter elected on any such vacancy, shall, as to his tenure of office, be subject to the regulation hereinbefore prescribed touching the eight persons to be elected by the alumni of King's college, Windsor.
- 5. For the better management of the college, and for more completely executing the purposes of this act, the governors appointed, and to be appointed from time to time by virtue hereof, shall be a body politic and corporate in deed and in name, and have a common seal and succession for ever, by the name of Governors of King's college, Windsor, and by that name shall make bye-laws and ordinances for the regulation and management of the college, and shall also have, hold and enjoy, for the use and benefit of the college, and the purpose of this act, all the goods and chattels, and all the lands which are now had, held, occupied, or enjoyed by "the governors of King's college, of Nova-Scotia," or by "the governors, president, and fellows of King's college, at Windsor, in the province of Nova-

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Scotia," or by any person in trust for them, or on their behalf, in the same manner as if the same had been duly conveyed and transferred to the governors hereby incorporated, by virtue of a statute of this province, authorizing the conveyance and transfer thereof, and also shall have power to purchase, receive, take, hold, and enjoy, for the use and benefit of the said college, and the purposes of this act, any other goods, chattels, or lands, so as the said last mentioned lands shall not exceed in value ten thousand pounds, and also at all times hereafter shall have power to sell, lease mortgage, or otherwise dispose of the lands belonging to the college, or any part thereof, for the benefit of the said college, as to the governors, hereby incorporated, shall seem proper, any law to the contrary notwithstanding.

- 6. The governors hereby incorporated, at any general meeting assembled, shall, from time to time, and as they shall think fit, make and establish such statutes and ordinances for the instruction, care, and government of the students, the management of the property of the college, the apointment of the president, professors, fellows, and scholars, (the president always to be a member of the church of England;) and also touching any matter or thing respecting the college which to them shall seem meet.
- 7. The college, hereby incorporated shall be taken to be an university, with all usual privileges of such an institution, whether relating to the conferring of degrees and honors, or otherwise.
- 8. From the time of this act coming into operation until the appointment of a full board of governors, by virtue hereof, the present governors, shall, notwithstanding this act, continue to exercise all the powers which are now vested in them, by the act hereby repealed, and the royal charter which they now hold.
- 9. All academical honors and degrees, and all rights, powers, privileges, and authorities, now had, held, or exercised by any person, by virtue of the act hereby repealed, or of the charter hereinbefore referred to, except so far as they may be necessarily

taken away, altered, abridged, or affected, by, or in consequence of this act, shall be had, held, and exercised, in relation to the college hereby incorporated, as fully as they are now had, held, or exercised.

- 10. The royal charter, incorporating "the governors, president, and fellows of King's college, at Windsor, in the province of Nova-Scotia," shall not be in any manner effected by this act, except so far as may be necessary to give effect to this act.
- 11. This act shall not come into operation until her majesty's assent be signified thereto.

STATUTES OF NOVA SCOTIA, 1866, (29 VIC.) p. 141. CHAPTER 100.

An Act to amend the Act to incorporate the Governors of King's College, Windsor, and to repeal the Act for founding, establishing and maintaining a College in this Province,

(Passed the 7th day of May, A. D. 1866.

Be it enacted by the Governor, Council, and Assembly, as follows:

1. Sections 2 and 3 of the above named Act are hereby amended by adding to the third section the following words:—

"But no person shall be re-elected to the office of Governor of said College until after the period of at least eleven months from the time he shall have last served as such Governor."

[This provision does not apply to governors elected by the synods of Nova Scotia and Fredericton. See chapter 63, Acts of 1883, p. 170 of this calendar.]

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STATUTES OF NOVA SCOTIA, 1882, (45 VIC.) p. 160-CHAPTER 64.

An Act to amend the Act to incorporate the Alumni of King's College, Windsor.

(Passed the 10th day of March, A.D., 1882.)

Be it enacted by the Governor, Council and Assembly, as follows:—

- 1. From and after the passing of this Act the annual subscription to be paid and the amount of donation to be at one time made to entitle parties to be annual or life members of the incorporated Alumni of King's College, Windsor, under the second section of the Act hereby amended, shall be such as may be fixed by the said Alumni at any annual general meeting held under the ninth section of the said amended Act.
- Said subscriptions and donations to be fixed as aforesaid, not to exceed the amounts mentioned in section two of the Act hereby amended, to entitle persons to be admitted members of said society.

[See note at end of sec. 2, chap. 53, Acts of 1847, on p. 163 of this calendar.]

STATUTES OF NOVA SCOTIA, 1883, (46 VIC.) p. 157. CHAPTER 63.

An Act to amend the Act to incorporate the Governors of King's College Windsor.

(Passed the 19th day of April, A.D., 1883.)

Be it enacted by the Governor, Council and Assembly as follows:

 The number of the Governors of King's College, Windsor, shall be increased to fifteen, by the addition of two Governors,

who shall hereafter be elected from time to time by the Diocesan Synod of Nova Scotia, and shall be members of that Synod at the time of their election. Such additional Governors so to be elected, shall hold office for four years and shall go out of office alternately, and one of such Governors shall be elected at each regular biennial session of the Diocesan Synod of Nova Scotia. Until such election can take place, J. Norman Ritchie and Charles. James Stewart of Halifax, Esquires, who have been nominated by the said Synod for the purpose at its last session, shall be and they are hereby appointed, Governors of King's College, Windsor; the said Charles James Stewart to continue in office until the session of said Synod in 1884, and the said J. Norman Ritchie until the session of said Synod in 1886. In case of the death or resignation of any of said additional Governors, the vacancy shall be filled at the hext ensuing session of the Diocesan Synod of Nova Scotia, and the Governor then elected shall hold office for the residue of the term of four years.

["In all cases the outgoing Governor may be re-elected, if then a member of the Synod." Journal of the 16th session, 1882, of the Diocesan Synod of N. S., p. 82. See sec. 4 below.

Whenever and so soon as the Dioceean Synod of Fredericton shall by resolution declare King's College at Windsor to be the college approved by said Synod for the education and training of the divinity students of the diocese of Fredericton, the Governors of King's College, Windsor, may by resolution, duly passed at a meeting called for that purpose, still further increase their number by the addition of three more Governors, one to bethe Lord Bishop of Fredericton for the time being who shall then be ex officio a Governor of King's College, and the remaining two to be elected from time to time by the Diocesan Synod of Fredericton in such way and for such term as the said Diocesan Synod may from time to time limit and appoint, and to be members of that Synod at the time of their election. But if at any time thereafter the approval and support of the Diocesan Synod of Fredericton should be withdrawn from King's College, or the divinity students of that Diocese should cease to attend said college, the persons so elected by the Synod of that Diocese, and also the Bishop of Fredericton, shall thereupon cease to be Governors of King's College, Windsor, and the number of said.

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regal tions notw the I Governors shall be reduced to that extent, which reduction shall be effected by a resolution of the Governors of King's College, Windsor, passed at a meeting called for that purpose.

[Governors elected by the Diocesan Synod of Fredericton hold office for one year, and are eligible for re-election if then members of the Synod.

The canon of the Synod of Fredericton, governing the election is as follows:—

CANON XIV., KING'S COLLEGE, WINDSOR.

King's College, Windsor, Nova Scotia, shall be recognized as the Theological Institution of

Two members of the Board of Governors of King's College shall be elected annually by ballot, one from the Ciercy and one from the Lay Members of the Synod, and shall hold office until others shall be elected in their places.]

Whenever and so soon as the Diocesan Synod of Newfoundland shall by resolution declare King's College at Windsor to be the college approved by the said Synod for the education and training of the divinity students of the diocese of Newfoundland, the Governors of King's College, Windsor, may by resolution duly passed at a meeting called for that purpose, still further increase their number by the addition of two more Governors to be elected from time to time by the Diocesan Synod of Newfoundland, in such way and for such time as the said Diocesan Synod may from time to time limit and appoint. if at any time thereafter the approval and support of the Diocesan Synod of Newfoundland should be withdrawn from King's College, or the divinity students of that diocese should cease to attend said college, the persons so elected by the Synod of that diocese, shall thereupon cease to be Governors of King's College. Windsor, and the number of said Governors shall be reduced to that extent, which reduction shall be effected by a resolution of the Governors of King's College, Windsor, passed at a meeting called for that purpose.

[The Diocesan Synod of Newfoundland has not yet availed itself of the privileges conferred by

4. All Governors elected by virtue of this Act, shall as regards their eligibility for re-election be subject to the regulations of the Synod by which they have been elected respectively, notwithstanding the provisions of Chapter 100 of the Acts of the Legislature of Nova Scotia for 1866.

[See notes to Sections 2 and 3, above.]

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OF

The Alumni of King's College, Windsor.

Passed at a General Meeting held at the Halifax Hotel, June 27, 1848.

I. Besides the Annual General Meeting of the Incorporated Society, it shall be competent for the Committee at any time, either of their own accord, or upon a requisition signed by at least ten of the members of the Association, upon giving seven days' notice in the public papers, to call a Special General Meeting of the Association, specifying the purpose for which it is called, and in which meeting it shall be competent for the Association to transact any such business as may be required. Ten members shall be deemed a quorum for the transaction of business.

II. That the books, accounts and papers of the Association shall be open at all times for the inspection of members, and the Secretary shall furnish an account of the affairs of the Association whenever required by the Committee.

III. That the Treasurer and Secretary, and such officers as shall be requisite for the Incorporated Society, shall be annually appointed by the Executive Committee.

IV. That at the Annual Meeting of the Association, the President and Vice-President shall alternately go out of office accompanied by the first three of the Committee, and that all or any of them having a majority of votes shall be eligible to be re-elected.

V. That at any meeting, members not present may vote by proxy in writing, to be held by any other member; provided that no member shall be entitled to vote either personally or by proxy, whose dues are not all paid up for the preceding year.

.VI. That the funds of the Association will be appropriated for the payment of one or more professors or lecturers, and one or more scholarships at the University of King's College, or one or more teachers or exhibitions in the Collegiate School at Windsor, to be denominated the Alumni Professorships and scholarships, respectively.

VII. That the Association will scrupulously apply such donations as may be made to them to such specific objects in aid of King's College as may be directed by the donors respectively.

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VIII. That all meetings of the Incorporated Society shall be opened with prayer.

IX. (Passed at general meeting of June 21st, 1849.) That the election of members of the Incorporation shall be by ballot.

RULES PASSED AT DIFFERENT TIMES.

- 1. That no resolution or proceeding inconsistent with or modifying any resolution or proceeding adopted by a general meeting be entertained by the Executive Committee in Halifax, except upon a month's notice to the Committee being given by the person proposing the same, and that no such resolution or proceeding be carried into effect until the same shall have been confirmed by a general meeting to be summoned for the consideration thereof, if necessary to be arranged before the annual general meeting.
- 2. A month's notice shall be given of all resolutions affecting the rights of members or creating new offices or salaries.
- No individual shall be entitled to vote under a parochial certificate unless he be authorized by a parish meeting.
- 4. All annual general meetings of this Association shall be holden at Windsor.
- That the Treasurer make up his annual account to the 30th of April in each and every year.
- 6. In the election of Governors all the names proposed shall be put on the same ballot, out of whom those having the highest number shall be declared elected; provided that no person shall be declared elected as Governor unless he have a majority of votes cast.

- 7. That in the election of Governors the order of names be such as to place the name of the candidate obtaining the smallest number of votes at the head of the list, and so on in succession.
- 8. That the ballot be not sent round for any officers of this Association, or of the Board of Governors, whose name has not been previously proposed and seconded by some member of the Association; and that the ballot be not taken until all the names of all persons intended to be proposed for any office be given.
- 9. That the Executive Committee of the Associated Alumni be empowered at their monthly meetings, during the interval between one annual general meeting and the next, to elect members of the Incorporation, provided that no black beans be cast against them.
- 10. That honorary certificates be granted in the several departments instead of the prizes as heretofore.
- 11. That any member of this Society whose annual subscription shall remain and be unpaid for three years shall cease to be a member of this Society, and can only be admitted as a new member by being proposed and seconded and duly elected pursuant to the by-laws.

That the Alumni adopt for Life Members donors of \$200 and upwards to the Endowment Fund.

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That a statement be made to the Alumni at their annual meetings of the funds and appropriations of the College.

That efforts be made to increase the number of Alumni, and that Graduates and Students be solicited to become members.

That Graduates of the College be *ipso facto* members of the Association, on payment of subscription, without election.

That the annual subscription be Two Dollars, and that the payment of the sum of Twenty-five Dollars by any person at any one time may entitle him to life membership; but "That while the payment of Two Dollars annually, confers every privilege of membership all are earnestly requested to remember the ingent need of the College, the important work the Alumni are associated to advance, and that they need not necessarily limit their amount to the sum above named."

That no member be permitted to hold more than one proxy.

LIFE MEMBERS.

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Almon, M.D., Hon W. J. do.	Kaulbach, Ven. Arch Truro.
Archbold, Edward P do.	Maynard P. Aren Truro.
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	Canon
Avery, Rev. RAylesford.	Moody, W. H Varmonth
	Morris, Rev. W. H.S. Shellaum
Baker, Hon. Loran E Yarmouth.	Morse, James S Amherst.
Bell, W. J Shelburne.	Mountain, Rev. Dr
Bonnett, Isaac H Shelburne. Brine, Rev. R. F Bridgetown.	Moyle, Mrs. S. B Lunenburg.
Brine, Rev. R. F Antigonish. Brown, M.D. Samuel D. M.	Moyle Min S. B Lunenburg.
D. Antigonish	Moyle, Miss S. T. C do.
Brown, M.D., Samuel D. Maitland.	Murray, James Yarmouth.
Butler. Rev. G. H Chester.	McKenzie, Capt Yarmouth. Dartmouth.
Campbell, B. D. Rev. J. Roy Dorchester N I	Nichols, D.D. Rev. E.E.B. Liverpool.
Cochester N 1	R Liverpool.
Cochran, James F Newport.	
Cogswell, M.D., ChasLondon, G. B.	Orlebar, R. N. AdmEngland.
Collins, J. WLiverpool.	Orpin, JohnAylesford,
Cowie, Andrew	
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	Palmer, John LAylesford.
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Cunard, William, London,	Pryor, Henry Halifax.
- Andrews	
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Dimock, Wm do.	
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Forster John D Liverpool.	Silver, John
	Silver, John Bonne Bay, NF.
Forsyth, Rev. JLiverpool.	Silver, Wm. C Bonne Bay, NF. Simonds, Rev. R. Halifax. [N.B.
	Simonds, Rev. R. Halifax. [N.B. Spencer, Prof. J. W. Columbia, Mo. Starr, Richard. Cornwalls.
Frecheville, Robt England.	Spencer, Prof. J. W Columbia M.
	Starr, Richard Cornwallis.
Gray B. C. Rev. Dean. Halifax,	Sterns, Ray H
Gray R C. Ltev. Dean. Halifax,	Stewart, Charles J Halifax.
Gray, B. G do.	danies o Halitax.
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Hare, William Halifax. Hamilton, Rev. H. H. Manchester.	Townshend, Mr. Justice. Halifax.
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	Townshend, Rev. Geo. Amherst.
	Tremain, Richard Halifax.
Hearn, E. D New Malden,	
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Hill. P. Carteret Surrey. [Wells.]	
Hill, P. Carteret Tunbridge	White, N W
Hill, D.C.L. Rev. Geo. W. London.	White, N. W Shelburne.
	White, D.D. Rev. T. H. do.
Jones, St. ClairWeymouth.	
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Laver, Charles	Wiswell, W. H.
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Kaulbach, C. ELunenburg.	Vator A TI
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Warborton, W. Charles.
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Wallace, M. W.
Wallace,



KING'S COLLEGE SCHOOL. WINDSOR, N. S.

HEAD MASTER: REV. ARNOLDUS MILLER, M. A., of Toronto University, and Victoria University, Coburg.

This School is in direct connection with King's College, and is carried on under regulations prescribed by the Board of Governors.

The object of the School is to provide a sound, religious, classical, mathematical, and general education, in conformity with the principles of the Church of England; but it is open to all denominations without restriction.

Pupils belonging to the Church of England attend the Sunday Services in the College Chapel, but those of other denominations may, if required by their parents, attend the Sunday services of the denomination to which they belong. In the latter case certificates of proper attendance will be required from the minister.

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While ample provision is made to prepare boys for the University and high Civil Evaminations, the utmost attention is devoted to imparting such a training as may fit them for all pursuits and professions and enable them to take that position in society which is conceded only to men of liberal education and refined habits.

The Collegiate School was never in a more prosperous condition. At present all the available room is occupied, and it will be in all probability necessary to make an addition to the school buildings within a short time.

COURSE OF INSTRUCTION.

The course of instruction includes all the usual branches of a sound education in Classics, Mathematics, German, French, etc.

TERMS.

The School Year is divided into three Terms, viz.:

Michaelmas, Lent and Trinity Terms.

Michaelmas Term begins the third Saturday in September.

Lent Term begins the third Saturday in January.

Trinity Term begins the first Saturday in April.

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FEES.

Boarders	
Boarders \$200 per annu Day Scholars \$40 "	m.
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The fees are distributed over the year, as follows:	
Doarders—Michaelmas Term	
Lent and Trinity Terms	
Day Scholore Mill	h.
Day Scholars—Michaelmas Term	
19	
Term, \$5. Lent and Trinity Terms, \$3.50 each.	
A half Term's notice must be given in writing or a hal	f

Term's fee paid previous to the removal of a pupil.

There are two exhibitions connected with the School, one of \$40 and the other of \$20, and a prize of \$15 for French.

Rules Regulating the Collegiate School Prizes or Exhibitions.

"The exhibitions shall be annually contended for, the first prize to be open to the Senior form alone; the second to all the forms of the School except the Senior."

The exhibition of forty dollars shall be awarded to the pupil of the Senior form who shall stand first on the list of Examiners, and the second exhibition of twenty dollars to the pupil of all the other forms who shall stand first on the list of the Examiners.

No pupil shall be entitled to the highest exhibition unless the examination he has passed shall be such as to qualify him to matriculate at King's College, though it is not compulsory for him so to do.

Several years ago a third prize was added to the number, viz.: one of ten dollars for the best Scholar in the French language, open for competition to the whole school.

The Committee in charge of this prize fund offer for the year 1890 a prize of fifteen dollars for the best Scholar in French, open to all the school and five dollars for the best scholar in German, also open to all the school.

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FORM OF BEQUEST.

A Bequest of money, or Shares of Stock, or Debentures for the University of King's College, Windsor.

A Devise of Real estate for the general purposes of the University.

I give and bequeath to "The Governors of the University of King's College, Windsor, Nova Scotia," all and singular, etc., (describe the Real Estate clearly). To have and to hold the said, etc., unto the said Governors and their successors for ever; upon trust, to hold and apply the same, and the rents, issues and profits thereof, and the proceeds of the sale thereof should the Governors sell the same, to and for the uses and purposes of the said University.

If bequeathed or devised towards any particular object, or towards the endowment of any particular chair, to be altered accordingly.

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