

1882.
NEW ZEALAND.

EDUCATION: UNIVERSITY OF NEW ZEALAND

(PAPERS RELATING TO).

[In Continuation of E.-2, 1881.]

Presented to both Houses of the General Assembly by Command of His Excellency.

No. 1.

THE REGISTRAR to the Hon. the MINISTER of EDUCATION.

SIR,—

University of New Zealand, Christchurch, 1st April, 1882.

I have the honor, by direction of the Chancellor, to inform you that the Senate of the University, at its late session, ordered that a memorial, in the terms set forth herein, should be presented to you on the subject of the establishment in Auckland of a University College.

Memorial.

To the Hon. the Minister of Education.

SIR,—The Senate of the University of New Zealand, now in session in Auckland, would respectfully make known to you their opinion that there is urgent necessity for the establishment in Auckland of a College at which a complete University course of instruction can be given; there being at present no educational institution in that city competent to do so. The Senate would further recommend that the sum of £1,500, voted by Parliament in 1881 for this purpose, be immediately applied to the appointment of at least two Professors in connection with such College.

I have, &c.,

W. M. MASKELL,

Registrar.

The Hon. the Minister of Education.

No. 2.

THE SECRETARY for EDUCATION to the REGISTRAR.

SIR,—

Education Department, Wellington. 14th April, 1882.

I have the honor, by direction of the Minister of Education, to acknowledge the receipt of your letter of the 1st instant, conveying a memorial of the Senate respecting the establishment of a University College at Auckland. In reply I am to inform you that the sum of £1,500 voted last session for this object has been applied to the purposes recommended in the memorial, the necessary instructions for the appointment of two Professors having been sent to the Agent-General on the 24th ultimo.

I am to add that the Bill introduced last session for the establishment of the College will no doubt be again introduced this year, and will receive the support of the Government.

I have, &c.,

E. O. GIBBES,

(For the Secretary.)

The Registrar, University of New Zealand, Christchurch.

No. 3.

The REGISTRAR to the Hon. the MINISTER of EDUCATION.

SIR,—

University of New Zealand, 19th April, 1882.

I have the honor, by direction of the Chancellor, to forward to you herewith the annual report of the University for the year ending the 1st March, 1882, as drawn up by the Senate in accordance with the provisions of clause 28 of "The New Zealand University Act, 1874."

In the copy of statutes forwarded with this report each statute, where practicable, is printed upon a separate sheet, and, if otherwise, all the sheets pertaining to any one statute are fastened together.

I am directed by the Chancellor to ask that the assent of His Excellency the Governor to these statutes may be obtained as speedily as possible, so that they may be published in the University Calendar on the date ordered by the Senate, viz., 1st June.

I have, &c.,

W. M. MASKELL,

Registrar.

The Hon. the Minister of Education.

Enclosure in No. 3.

ANNUAL REPORT of the SENATE of the UNIVERSITY of NEW ZEALAND.

In compliance with the 28th clause of "The University Act, 1874," the Senate makes the following report to His Excellency the Governor of the proceedings of the University since the date of the last report.

1. The Senate met on the 1st March at Auckland, which time and place were fixed at the last annual meeting of the Senate, as prescribed by the University Act.

2. The Senate has made certain amendments in its statutes and regulations at present in force. The statutes passed with a view to giving effect to these amendments are herewith submitted for the approval of the Governor.

3. The Bowen Prize for the year 1881 has been awarded to Joseph Penfound Grossmann, and Edith Howitt Searle has been recorded as *proxime accessit*; both being undergraduates of the University and students of the Canterbury College.

4. The reports of the examiners in England not having been received in detail the Senate has not yet been able to confer the degrees and scholarships gained during the past year; but, from a telegraphic communication received from the examiners, it appears that the following numbers will be added to the roll of the University at a special meeting to be held for the purpose on the receipt of the reports referred to: To the degree of Master of Arts, eleven Bachelors of Arts; to the degree of Bachelor of Arts, thirteen undergraduates; to the degree of Bachelor of Laws, one Master of Arts. Five undergraduates gained Senior Scholarships at the examination of November, 1881; eight candidates gained Junior Scholarships at the examination of December, 1881.

The number of graduates after examination on the roll of the University, with the above additions, will be as follows: Master of Arts, 18; Bachelors of Arts of two years' standing, 11; Bachelors of Arts of less than two years' standing, 20: total 49, of whom three are also Bachelors of Laws. The number of undergraduates at present on the roll of the University is 282, of whom forty-four matriculated at the examination of December, 1881.

5. The Senate has again had under its consideration the necessity of making better provision for University education in the North Island of New Zealand. While still of the opinion that two Colleges are required for the North Island, at Wellington and Auckland, the Senate has, with the view of recommending immediate action, passed the following resolution: "That a respectful address be presented to the Minister of Education setting forth that, in the opinion of this Senate, there is urgent necessity for the establishment in Auckland of a College able to provide a proper University course of instruction; and whereas the sum of £1,500 was last year voted by Parliament for the purpose, it is desirable that steps should be taken for the immediate appointment of at least two Professors."

6. A statement of the income and expenditure for the twelve months ending the 31st December, 1881, audited as prescribed by your Excellency, is hereto appended.

HENRY JOHN TANCRED,

Chancellor.

16th March, 1882.

Sub-Enclosure to Enclosure in No. 3.

DETAILS OF EXPENDITURE.—SCHOLARSHIP ACCOUNT.*

	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
1. Scholarships—												
1878	...	...	135	0	0							
1879	...	...	776	5	0							
1880	...	...	637	10	0							
						1,548	15	0				
Carried forward	...					1,548	15	0				
2. Transfers—												
Brought forward	...								1,548	15	0	
To General Account	...		601	2	2							
Fee Account	...		1	1	0							
										602	3	2
3. Advance to General Account	...									700	0	0
4. Fixed deposits	...									5,064	0	0
5. Miscellaneous	...									0	8	0
										£7,915	6	2

*[Summarized from full details in the original.]

DETAILS OF EXPENDITURE.—GENERAL ACCOUNT.*

	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.
1. Senate—							Brought forward ...	37	11	9	2,709	14	11
Travelling expenses of mem- bers ...	353	3	10				7. Miscellaneous— <i>continued.</i>						
Registrar ...	23	14	1				Presentation of diplomas ...	9	0	0			
Messenger ...	8	4	0				Telegrams ...	1	11	0			
Printing ...	23	15	6	408	17	5	Postages ...	2	4	5			
							Petty expenses ...	8	5	9	58	12	11
2. Salaries and office—							8. Examinations—						
Registrar ...	466	13	4				Examiners, 1880 ...	645	2	0			
Clerical assistance ...	4	0	0				Supervisors, 1880 ...	139	18	3			
Rent of office ...	100	0	0				Printing, 1880 ...	83	11	10			
Coals ...	1	14	6				Advertising, 1880 ...	15	7	3			
Messenger and cleaning ...	15	0	0	†587	7	10	Miscellaneous, 1880—						
							Examiner's expenses ...	6	2	0			
3. Refunds—							Stationery ...	18	16	2			
Examination deposits, 1880	55	0	0				Registrar's expenses ...	73	6	0			
Fees paid in error ...	7	2	0	62	2	0	Clerical assistance ...	14	0	0			
							Miscellaneous ...	10	2	10			
4. General advertising ...				15	3	8	Examiners, 1881 ...	744	10	0			
5. General printing—							English agent, 1881—						
Printing minutes ...	38	10	0				Fee ...	57	15	0			
" calendar ...	60	0	0				Imprest ...	29	18	7			
General printing ...	37	14	0				Printing, 1881 ...	104	14	3			
				136	4	0	Advertising, 1881 ...	38	19	3			
6. Transfer to Scholarship Ac- count ...				1,500	0	0	Miscellaneous, 1881—						
7. Miscellaneous—							Agent's expenses, London	4	19	0			
Bowen prize, 1879†	10	0	0				Exchange, &c., on drafts...	18	9	3	2,008	1	8
" 1880 ...	10	0	0				Clerical assistance ...	2	10	0			
" 1881 ...	10	0	0										
Stationery ...	7	11	9										
Carried forward ...	37	11	9	2,709	14	11					£4,776	9	6

*[Summarized from full details in the original.]

† Of the above total the sum of £89 3s. 4d., paid in January, 1881, is chargeable to 1880, not having been paid in that year owing to the absence of the Registrar in Australia, as follows: Registrar, £66 13s. 4d.; rent, £20; messenger, £2 10s. The total in this class, salaries and office for 1881, is, therefore, £498 4s. 6d.

‡ The above sum of £30, for Bowen Prize, is to be refunded, together with £10 paid on the same account in 1879, from the Bowen Prize Fund.

BALANCE-SHEET.—GENERAL ACCOUNT.

1881.		£	s.	d.	£	s.	d.	1881.		£	s.	d.		
Jan. 1.	To Balance from 1880	...		553	2	10		Jan. 1.	By Senate	...	408	17	5	
	Government grant	...	3,000	0	0				Salaries and office	...	587	7	10	
	Deposit ...	...		5	0	0			Refunds	...	62	2	0	
	Transfers from								General advertising	...	15	3	8	
	Scholarship Account	...	1,302	3	2				General printing	...	136	4	0	
	Fees—								Miscellaneous	...	58	12	11	
	Degrees	...	52	10	0				Transfer to Scholarship Account	...	1,500	0	0	
	Examination	...	91	7	0				Examinations	...	2,008	1	8	
	Matriculations	...	63	0	0				Balance in Bank	£469	14	2		
	<i>Ad eundem</i>	...	7	7	0				Less unrepresented					
	Miscellaneous	...	0	5	0				cheques	...	63	1	8	
				214	9	0						406	12	6
	Miscellaneous—													
	Imprest refund	...	100	0	0									
	General	...	0	9	6									
				100	9	6								
	Sale of Calendar			7	17	6								
				£5,183	2	0						£5,183	2	0
1882.														
Jan. 1.	To Balance brought down	...		£406	12	6								

BALANCE-SHEET.—SCHOLARSHIP ACCOUNT.

1881.			£	s.	d.	1881.			£	s.	d.	£	s.	d.
Jan. 1.	To Balance from 1880	...	6,297	17	0	Jan. 1.	By Scholarships	...				1,548	15	0
	Transfer from General Account	...	1,500	0	0		Transfer to General	...						
	Interest	...	267	3	0		Account	...				1,302	3	2
							Miscellaneous	...				0	8	0
							Balance on fixed de-							
							posit	...				5,064	0	0
							Balance in Bank	...	269	13	10			
							Less unrepresented							
							cheques	...	120	0	0			
												149	13	10
			£8,065	0	0							£8,065	0	0
1882.														
Jan. 1.	To Balance brought down		£5,213	13	10									

BALANCE-SHEET.—BOWEN PRIZE ACCOUNT.

1881.		£	s.	d.	1881.		£	s.	d.
Jan. 1.	To Balance from 1880	...	...	125 0 7	Jan. 1.	By Balance in Bank	...	...	125 8 7
	Interest	...	...	5 8 0					
				<u>£125 8 7</u>					<u>£125 8 7</u>
1882.									
Jan. 1.	To Balance brought down	...	...	125 8 7					

GENERAL BALANCE-SHEET.

1881.		£	s.	d.	£	s.	d.	1881		£	s.	d.	£	s.	d.
Jan. 1.	To Balance from 1880	...	...	6,971 0 5				Jan. 1.	By Expenditure—						
	Receipts—								General Account	...	...	3,276 9 6			
	General Account	...	3,327 16 0						Scholarship Account	...	...	1,549 3 0			
	Scholarship Account	...	267 3 0						Balances in Bank—						
	Bowen Prize Account	...	5 8 0						General Account	...	406 12 6				
			<u>3,600 7 0</u>						Scholarship Account	...	149 13 10				
									Bowen Prize Account	...	125 8 7				
													681 14 11		
									Balance of fixed deposit	...		5,064 0 0			
													<u>£10,571 7 5</u>		
1882.															
Jan. 1.	To Balance brought down			£10,571 7 5											
				<u>£5,745 14 11</u>											

I have audited this account and have compared the items with the various vouchers, and find it correct, and the balances are accurately stated.

2nd February, 1882.

J. OLLIVIER,
Provincial District Auditor.

STATUTES OF THE NEW ZEALAND UNIVERSITY.

Statute repealing existing Statutes and Regulations, and saving existing Rights.

IN order to enable the University more easily to perform its functions, and for this purpose to repeal the Statutes and Regulations now in force, and to make other Statutes in lieu thereof,

Be it enacted as follows:—

All Statutes and Regulations of the University in force before the first day of March, one thousand eight hundred and eighty-two, are hereby repealed: Provided always that any rights or privileges which may have accrued under the said Statutes and Regulations shall be as valid as though this Statute had not been made. And be it further enacted that every Statute made by the Senate shall be distinguished by a Short Title indicating the subject of such Statute, and may be cited or referred to by such Short Title.

Of the Calendar.

There shall be an University Calendar, the announcements in which shall be and shall be deemed to be sufficient official announcements to all members of the University.

Of the Seal of the University.

The seal shall bear the following blazon: Within a circular ribbon, and on a ground diaprée, an antique escocheon, bearing,

azure, between four estoils of eight points in cross argent, a book open fesswise of the same, edged and indexed proper. Motto: On an escrol argent fimbriated gules surmounting the ground diapréée and passing behind the escocheon, the words "Sapere aude."

Of Meetings of the Senate.

I. The Senate of the University in session assembled shall convene and appoint the time and place of meeting of the said Senate for each successive session, and so on from session to session.

II. The Chancellor, or the Vice-Chancellor, or, in case of the absence of both from the colony, the Registrar, shall convene a meeting of the Senate upon a written requisition of not less than ten Fellows, setting forth the objects for which the meeting is required to be convened, and the meeting shall be called not less than thirty days after the receipt of the requisition by the Chancellor, or Vice-Chancellor, or Registrar, as the case may be.

III. The Chancellor, or, in his absence from the colony, the Vice-Chancellor, may of his own proper motion convene special meetings of the Senate.

Of the Regulation of Proxies.

I. Proxies shall be delivered in form as follows:—

"I, A.B., do hereby empower C.D. to exercise my right of voting at E.F. meeting of the Senate of the University of New Zealand."

II. Any Fellow having given such proxy shall retain the right of cancelling that proxy or suspending it in regard to any specified question, either by letter or telegram addressed to the Chancellor or Vice-Chancellor.

III. No proxy shall be available for any session save the one for which it was given.

Of Affiliated Institutions.

I. Collegiate or scholastic institutions in the colony may be affiliated under the following conditions:—

(a.) That such institutions provide, for the purpose of teaching and lecturing, lecture-rooms with suitable apparatus and appliances.

(b.) That for a period of not less than six months in each year lectures shall be regularly given by the teachers and lecturers of these institutions.

(c.) That it be shown to the satisfaction of the Senate that such institutions are competent to supply, through their professors, lecturers, and teachers, a three years' course of instruction in Latin, mathematics, and not less than three of the other subjects of study prescribed for the B.A. degree.

II. It shall be the duty of the governing body of each Affiliated Institution to make a report to the Senate, in the month of December in each year, of the number and subjects of lectures delivered to the undergraduates in such institution during the year last past, and such report shall include a statement of the terms kept, the conditions on which attendance is reckoned, and the general course of instruction followed.

III. Any institution affiliated to the University may cease to be so affiliated upon application to that effect being made by the governing body of such institution to the Chancellor, or by resolution of the Senate upon evidence that the foregoing conditions are not being fulfilled by such institution.

IV. (a.) Each Affiliated Institution shall, between the first day of October and the thirty-first day of December in each

year, hold examinations in all the subjects taught under the conditions of affiliation in which students may desire to be examined.

(b.) The names of the undergraduates who shall have passed the several examinations shall be arranged in three classes, and in alphabetical order.

(c.) The class lists, together with the papers set, and the answers thereto, shall be forwarded to the Registrar.

Of Terms and Lectures.

I. Any student matriculated to the University, whose name shall be upon the books of an Affiliated Institution, and who shall have attended its lectures and passed its annual examination, shall be deemed to have kept the terms of the year: Provided that attendance at such lectures shall not be compulsory in the case of undergraduates residing more than ten miles from such institutions, or who may be engaged in acquiring a profession or trade or in earning a livelihood: Provided further that any student may, on giving notice in writing to the Chancellor, pass his examination at some Affiliated Institution other than that at which he may have originally entered.

Of the Conduct of University Examinations.

I. The examinations shall be held at such places within the colony as shall be appointed by the Chancellor, and at the times notified in the Calendar for each year.

II. Every candidate for examination shall give notice in writing of his intention to present himself for examination, and such notice must be in the hands of the Registrar by the date notified in the Calendar for each year, and must be accompanied by the prescribed fee.

III. The examinations shall be conducted by means of papers to be severally prepared by the Examiners, and three hours shall be allowed for each paper.

IV. Candidates shall write out answers to the questions in the presence of a Supervisor, who shall be appointed by the Chancellor, and in accordance with such detailed instructions as may be furnished by the Chancellor.

V. The written answers shall be transmitted by the Supervisor to the Registrar, and shall by him be transmitted to the Examiners—that is to say, each answer to the Examiner who set the paper, who shall examine the same and report thereon to the Chancellor.

VI. The Examiners and Supervisors shall receive such remuneration for their services as the Senate shall in each case determine.

VII. As soon as convenient after the examination, each Examiner shall return the papers of the candidates to the Registrar, or to the University's agent in the country where the Examiners may reside.

Of the Entrance Examination.

I. An Entrance Examination shall be held in the month of December in each year, at which candidates shall be examined for Matriculation and Junior Scholarships, and which shall also serve for the preliminary examination of medical students.

Of Matriculation.

I. Candidates for Matriculation shall, before they are admitted as students of the University, be examined in six or more of the following subjects:—

(1.) LATIN [compulsory].—Translation at sight of easy passages from Latin into English; translation of easy passages from English into Latin; questions on grammar.

(2.) ENGLISH [compulsory]. — Dictation; précis-writing; grammar; composition.

(3.) ARITHMETIC [compulsory].—Fundamental rules; vulgar and decimal fractions; proportion; square root.

(4.) GREEK.—As in Latin.

(5.) FRENCH.—As in Latin.

(6.) GERMAN OR ITALIAN.—As in Latin.

(7.) ALGEBRA.—To simple equations, inclusive, with easy problems.

(8.) EUCLID.—Books I. and II.

(9.) HISTORY.—History of England from the accession of William III. to the accession of Victoria.

(10.) GEOGRAPHY.—Chief physical features and principal towns of Europe, Asia, Africa, North and South America, together with more minute details of the geography of Great Britain, Australia, and New Zealand.

(11.) ELEMENTARY CHEMISTRY.—The non-metallic elements, and the atomic theory.

(12.) ELEMENTARY PHYSICS.—Elementary mechanics of solids and fluids. (In this subject the paper as set for Junior Scholarships is compulsory for medical students.)

(13.) ELEMENTARY BIOLOGY.—A paper containing questions on both Zoology and Botany; but candidates will not be required to answer questions in more than one subject.

Zoology.—Elements of animal physiology.

Botany.—Elements of the morphology and physiology of flowering plants, including the main characteristics of the chief native and introduced natural orders.

II. Each candidate will be required to pass in at least six subjects, of which Latin, English, and Arithmetic must be three. The Chancellor, on consideration of the reports of the Examiners, shall declare whether the several candidates respectively have passed.

III. Successful candidates for junior scholarships shall be held to have passed the Matriculation Examination; and unsuccessful candidates may be admitted to matriculation by the Chancellor, on consideration of the reports of the Examiners.

IV. Every student shall, at matriculation, make the following declaration:—

“I do solemnly promise that I will faithfully obey the Statutes of the University, so far as they apply to me; and I hereby declare that I believe myself to have attained the age of sixteen years.”

V. The fee for the Matriculation Examination shall be one guinea.

Of the Degree of Bachelor of Arts.

I. The subjects of examination for the degree of Bachelor of Arts shall be,—1. Latin Language and Literature; 2. Greek Language and Literature; 3. English Language and Literature; 4. Modern Languages and Literature; 5. General History and Political Economy; 6. Jurisprudence and Constitutional History; 7. Mathematics; 8. Physical Science, to include (a) Heat and Radiant Heat, and (b) Sound and Light, or, at the option of the candidate, Electricity and Magnetism; 9. Chemistry; 10. Natural Science, any one of the following branches: (a) Geology and Mineralogy, (b) Zoology, (c) Anatomy and Physiology, (d) Botany; 11. Mental Science. The subjects will be divided as follows:—

(1.) LATIN LANGUAGE AND LITERATURE.—(Two papers.)—
(a.) Selected portions of the works of one prose and one verse author; translation of simple unseen passages from Latin into English. (b.) An easy passage or passages for translation from English into Latin prose; questions on grammar.

(2.) GREEK LANGUAGE AND LITERATURE.—(Two papers.)—
(a.) Selected portions of the works of one prose and one verse author; translation of simple unseen passages from Greek into English. (b.) An easy passage or passages for translation from English into Greek prose; questions on grammar.

(3.) ENGLISH LANGUAGE AND LITERATURE.—(Two papers.)—
(a.) The origin, history, and structure of the English language, and selected portions of one or more authors. (b.) An account of one period of literature, and a short essay on some subject arising out of the works selected under (a).

(4.) MODERN LANGUAGES AND LITERATURE.—(Two papers.)—
French, or German, or Italian, at the option of the candidate.
(a.) Questions on Grammar and Composition. Passages for translation from and into English and the language chosen. (b.) Questions on a period of the literature of the language, and selected authors of the period.

(5.) GENERAL HISTORY AND POLITICAL ECONOMY.—(Two papers.)—(a.) *General History*: Period to be selected year by year. (b.) *Political Economy*: The production, distribution, exchange, and consumption of wealth; the law of population; emigration, immigration; strikes; trade-unions; socialist theories; land tenures; free-trade and protection; and the colonial policy of England.

(6.) JURISPRUDENCE AND CONSTITUTIONAL HISTORY.—(Two papers.)—(a.) *Jurisprudence*: Nature of positive law; sources of law; scientific classification of law, together with knowledge of the system adopted in Roman law. (b.) *Constitutional History*: The constitutional history of England.

(7.) MATHEMATICS.—(Three papers.)

(a.) *Elementary Geometry*.—Euclid, Books I., II., III., IV., and VI., together with the definitions of Book V. *Trigonometry*.—The elementary parts of plane trigonometry so far as to include the principal properties of logarithms, the use of logarithmic tables, and the solution and properties of triangles, with easy transformations and examples.

(b.) *Algebra*.—Definitions and explanations of algebraical signs and terms; addition, subtraction, multiplication, and division of algebraical quantities, including fractions and surds; the elementary rules of ratio and proportion; the square and cube roots; easy equations of a degree not higher than the second, and questions producing such equations; arithmetical, geometrical, and harmonical progressions; permutations and combinations; and the binomial theorem: with proofs of the rules, and simple examples.

(c.) *Elementary Mechanics and Hydrostatics*.—Treated so as not necessarily to require a knowledge of pure mathematics greater than the standard prescribed for the degree of Bachelor of Arts, namely, the composition and resolution of forces acting on a point and on a rigid body on one plane; the mechanical powers; the centre of gravity; the fundamental laws of motion; the laws of uniform and uniformly accelerated motion and of falling bodies; the pressure of liquids and gases; the equilibrium of floating bodies; specific gravities; and the principal instruments and machines the action of which depends on the properties of fluids: with simple problems and examples.

(8.) PHYSICAL SCIENCE.—(Two papers.)

(a.) *Heat, including Radiant Heat*.—Temperature; expansion; conduction and convection; latent heat; specific heat; calorimetry; hygrometry; sources of heat; the steam-engine; conservation and dissipation of energy; and radiation, absorption, transmission, reflection, and refraction of heat.

(b.) *Sound and Light*.—The production and propagation of sound; vibrations of sounding bodies; interference; and the physical theory of music. Nature, production, and propagation of light; absorption; reflection; refraction; prismatic dispersion; spectra; fluorescence; interference; plane polarization; and the principal optical instruments and vision. Or—*Electricity and Magnetism*.—Production and properties of statical and voltaic electricity; induction, including secondary currents; thermo- and magneto-electricity; electro-dynamics; magnetism and dia-magnetism; the electric telegraph; and electric measurements.

(9.) **CHEMISTRY**.—(Two papers.)—The chemical relations of cohesion, heat, light, and electricity; the general principles of chemical combination, notation, and nomenclature; the description and classification of the more important elements and compounds, and of organic bodies; qualitative analysis and calculations of chemical problems; and the description of the leading chemical theories.

NOTE.—The division of this subject into two papers will be left to the discretion of the Examiner.

(10.) **NATURAL SCIENCE**.—Either of the following branches:—

A. *Geology and Mineralogy*.—(Two papers.)—Systems of crystallization; physical properties and chemical composition of the more important minerals; origin and classification of rocks; formation of rock-beds and structure of rock masses; denudation and movements of the surface of the earth; chronological classification of rocks; the origin of the surface features of the earth; and the laws and generalizations of palæontology.

NOTE.—The division of this subject into two papers will be left to the discretion of the Examiner.

B. *Biology*.—(Two papers.)—(a.) General principles of biology, including those of physiology, of distribution, and of classification. (b.) One of the following:—(1.) *Zoology*.—Animal morphology, the principal characters of the chief groups of animals, and the main facts of their distribution in time and space. (2.) *Botany*.—Vegetable morphology, including histology, the principal characters of the chief groups of plants, and the main facts of their distribution in time and space. (3.) *Anatomy and Physiology*.—Human anatomy and physiology.

A candidate in natural science will be required, on presenting himself for examination, to furnish to the Supervisor a certificate from a teacher of the subject or branch subject that he has passed a practical examination in such subject, as follows:—For *Geology*.—Determination by physical characters of minerals and rocks; determination of fossils; construction of geological sections. For *Zoology*.—Dissection and microscopical examination of types of four different groups of invertebrate animals, and of the different groups of vertebrate animals. For *Anatomy and Physiology*.—Dissection of the human body. For *Botany*.—Dissection and microscopical examination of types of four different groups of cryptogamic plants, and of eight different orders of phanerogamic plants.

(11.) **MENTAL SCIENCE**.—(Two papers.)—(a.) *Psychology*.—Outlines of the physiology of the nervous system; instinct; the senses and the intellect; abstraction; perception. *Ethics*.—The psychology of the will; the ethical standard; the moral

faculty; the hedonist, intuitionist, and utilitarian methods.
(b.) *Logic*.—Deductive and inductive logic.

II. No candidate shall be admitted to the degree of Bachelor of Arts unless he shall have passed in at least five of the above subjects of examination, of which two must be Latin and Mathematics.

III. The examination may be passed in two sections. Either two or three subjects of examination, one of which must be either Latin or Mathematics, shall constitute the first section, which may be taken at the end of the second or any subsequent year, and the remaining subjects shall constitute the second section, which may be taken at the end of the third or any subsequent year; or, at the option of the candidate, all the subjects may be taken together at the end of the third or any subsequent year.

IV. No student shall be admitted to the final examination for the degree of Bachelor of Arts who has not kept three years' terms at some institution affiliated to the University of New Zealand, unless he shall have been admitted as an undergraduate under the Statute² of Admissions *ad eundem*, or unless he shall be a teacher permitted to proceed to the degree under the provisions hereinafter contained.

V. Every student intending to present himself for examination shall, not later than the first day of September preceding the examination, signify to the Chancellor the subjects in which he shall elect to be examined.

VI. The names of the students who pass the examination shall be placed in alphabetical order, and shall be published by the Chancellor as soon as is convenient after the receipt by him of the reports of the Examiners.

VII. Teachers in Affiliated Institutions, and certificated teachers of good repute in any school established or conducted under the provisions of an Act of the General Assembly or of a Provincial Council of this colony, having been in the practice of their profession for at least five years, may be admitted on the recommendation of the Chancellor or of the Vice-Chancellor to the examination for the degree of Bachelor of Arts, to be passed either in one or two sections, on payment of the ordinary fees, without matriculation and the keeping of University terms; and on passing that examination shall be entitled to all the other privileges of graduates of the University of the same standing, anything in other regulations of the University notwithstanding: Provided that under this clause no teacher shall be admitted to the first section of his examination beyond the B.A. examination for the year 1883: Provided also that every teacher admitted to examination under this clause shall give three months' notice to the Chancellor of the subjects in which he shall elect to be examined.

VIII. The fee for the examination for the degree of Bachelor of Arts shall be one guinea.

Of Honours.

I. An examination for Honours shall be held in the month of November in each year.

II. No candidate shall be admitted to the examination for Honours excepting at the examination of the year following that in which he shall have passed for the degree of Bachelor of Arts.

III. Candidates for Honours shall be examined in one or more of the following groups of subjects:—Group 1: Languages and Literature: Any two of the following subdivisions, of which Latin must be one—(A) Latin, (B) Greek, (C) English, (D)

Two Modern Languages other than English. Group 2: Political Science, including General History, Political Economy, Jurisprudence, and Constitutional History. Group 3: Mathematics and Mathematical Physics. Group 4: Chemistry and Experimental Physics. Group 5: Natural Science. Group 6: Mental Science. The subjects shall be divided as follows:—

(1.) LANGUAGES AND LITERATURE:—

A. *Latin*.—(Three papers.)—(a.) Passages from any of the best classical Latin authors; questions on grammar, history, and antiquities. (b.) Detailed examination in the history, literature, and language of a selected period, with accurate knowledge of the principal works of one prose and one verse author of that period. (c.) Passages for translation from English into Latin prose.

B. *Greek*.—(Three papers.)—(a.) Passages from any of the best classical Greek authors; questions on grammar, history, and antiquities. (b.) Detailed examination in the history, literature, and language of a selected period, with accurate knowledge of the principal works of one prose and one verse author of that period. (c.) Passages for translation from English into Greek prose.

C. *English*.—(Three papers.)—(a.) Origin, history, and structure of the English language; questions on philology and etymology; the periods of English literature, and the principal authors of each period. (b.) Detailed examination in the literature of some one or more periods, and in the works of one or more authors. Selections to be made from year to year. (c.) Essay on some subject arising out of the works selected under (b).

D. *Modern Languages*.—(Three papers in each.)—French, and either German or Italian. (a.) Origin, history, and structure of the language; questions on philology and etymology; the periods of literature, and the principal authors of each period. (b.) Detailed examination in the literature of some one or more periods, and in the works of one or more authors. Selections to be made from year to year. (c.) Essay (to be written in the languages chosen) on some subject arising out of the works selected under (b).

(2.) POLITICAL SCIENCE.—(Four papers.)—(a.) *General History*.—Period to be selected year by year. (b.) *Political Economy*.—Treated more fully than for the degree of Bachelor of Arts, with the addition of economical doctrines. (c.) *Jurisprudence*.—Treated more fully than for the degree of Bachelor of Arts. (d.) *Constitutional History*.—The constitutional history of England.

(3.) MATHEMATICS AND MATHEMATICAL PHYSICS. — (Five papers):—

(a.) *Elementary Geometry, Plane Co-ordinate Geometry, and Conic Sections*.—The elementary geometry shall be the same as defined for the degree of Bachelor of Arts, with the addition of Euclid, Book XI., Propositions 1–21, and Book XII., Propositions 1 and 2. Deductions will be set to some or all of the propositions given.

(b.) *Algebra, Trigonometry, and the more elementary portions of Differential and Integral Calculus*.—The algebra and trigonometry shall be the same as defined for the degree of Bachelor of Arts, with the addition of the following: Indeterminate coefficients; convergency and divergency of series; summation of series; interest and annuities; and the elementary theory of probability; the exponential theorem; the construction of logarithmic tables; Demoivre's theorem; Euler's series for expanding the sine and cosine of an angle in terms of its circular

measure; the exponential values of the sine and cosine; the usual series for determining π ; and the summation of trigonometrical series.

(c.) *Differential and Integral Calculus*.—Differentiation and integration of functions; expansion of functions in series; limiting values of indeterminate forms; maxima and minima values of functions of one or of two independent variables; the change of the independent variable; the chief applications of the differential and integral calculus to the geometry of plane curves and of solids of revolution; and differential equations.

(d.) *Mechanics*.—As defined for the degree of Bachelor of Arts, with the addition of statics treated analytically, and dynamics of a particle.

(e.) *Physics*.—Any one of the following branches:—(1.) *Heat*.—The elementary theory of heat, including the kinetic theory of gases and thermodynamics. (2.) *Light*.—Geometrical optics to a first approximation, and the undulatory theory of light treated mathematically. (3.) *Astronomy*.—Elementary astronomy, with calculation and spherical problems; the elementary parts of the lunar theory.

(4.) CHEMISTRY AND EXPERIMENTAL PHYSICS. — (Two papers at least.)—(a.) *Chemistry*.—Any one of the following branches: 1. Organic Chemistry. 2. Metallurgy and Mineral Chemistry. 3. Chemistry of Manufactures and Agriculture. (b.) *Electricity and Magnetism*.—The general subject, and full acquaintance with all instruments used in the ordinary and ocean telegraphy.

Instead of paper (b) the candidate may take the two following papers:—(c.) *Sound and Light*.—The parts prescribed for the Pass Examination for the degree of Bachelor of Arts, treated fully and practically; together with the colours of thin plates, circularly and elliptically polarized light, and rotatory polarization. (d.) *Heat and Radiant Heat*.—The parts prescribed for the Pass Examination for the degree of Bachelor of Arts, together with elementary thermodynamics, and practical work in calorimetry.

The candidate will be required, on presenting himself for examination, to furnish to the Supervisor a certificate from a teacher of chemistry that he has passed a practical examination in chemical analysis in all its branches; and to produce, to the satisfaction of the Examiner, the results obtained in some original investigation or research in chemistry or experimental physics.

(5.) NATURAL SCIENCE.—(Two papers.)—One of the following branches (A or B):—

A. *Geology, Mineralogy, and Palæontology*.—Classification and distribution of formations; a detailed knowledge of mineralogy, lithology, and palæontology.

NOTE.—The division of this subject into two papers will be left to the discretion of the Examiner.

B. *Biology*.—(a.) The general principles of biology, as for the degree of Bachelor of Arts, but treated much more fully. (b.) One of the following:—(1.) *Zoology*.—A detailed knowledge of the anatomy, taxonomy, and distribution of some one of the following groups of the Animal Kingdom, and especially of its representatives in the New Zealand Fauna: 1. *Protozoa* and *Porifera*; 2. *Cœlenterata*; 3. *Vermes*; 4. *Echinodermata*; 5. *Mollusca*; 6. *Crustacea*; 7. *Insecta*; 8. *Pisces*; 9. *Aves*; 10. *Mammalia*. (2.) *Botany*.—A detailed knowledge of the structure, taxonomy, and distribution of some one of the following groups of the Vegetable Kingdom, and especially of its representatives in the New Zealand Flora: 1. *Algæ, Fungi, and Lichenes*; 2. *Muscineæ*; 3. *Vascular Cryptogams*; 4. *Gymnosperms*; 5. *Monocotyledons*; 6. *Incompletæ* and *Corollifloræ*; 7. *Thalamifloræ, Discifloræ, and Calycifloræ*.

Each candidate for Honours in any of the Natural Sciences must hand to the Examiner a paper embodying the results of his original researches on some subject, or of his actual investigation of the geology, zoology, or botany of a given district, the subject or district to be chosen by the candidate, subject to the approval of the Chancellor.

(6.) MENTAL SCIENCE.—(a.) Psychology and Ethics, treated more fully than for the degree of Bachelor of Arts. (b.) Logic, treated more fully than for the degree of Bachelor of Arts. (c.) History of Philosophy, Ancient and Modern.

IV. Every candidate for Honours shall, on or before the twentieth day of February preceding the examination, give notice of his intention to present himself for the Honours Examination, and of the subjects in which he proposes to be examined.

V. There shall be three classes of Honours, first, second, and third; and the names of the successful candidates shall be arranged alphabetically in the several classes.

VI. The fee for the examination for Honours shall be one guinea.

Of the Degree of Master of Arts.

I. Candidates for the degree of Master of Arts must have taken the degree of Bachelor of Arts, either after examination or *ad eundem*.

II. Candidates for the degree of Master of Arts shall be examined in any one of the following groups of subjects:—1. Languages and Literature, any two of the following subdivisions: (A) Latin, (B) Greek, (C) English, (D) Two Modern Languages other than English. 2. Political Science, including General History, Political Economy, Jurisprudence, and Constitutional History. 3. Mathematics and Mathematical Physics. 4. Chemistry and Experimental Physics. 5. Natural Science. 6. Mental Science. The papers set for the examination for the degree of Master of Arts shall be the same as those set for the Honours Examination, and candidates will be required to show a degree of proficiency satisfactory to the Examiners, but not necessarily higher than that required for the third class in Honours.

III. Every Bachelor of Arts intending to proceed to the degree of Master of Arts shall, on or before the twentieth day of February preceding the examination, signify to the Chancellor the subjects in which he shall elect to be examined.

IV. Bachelors of Arts who may after examination have obtained Honours shall be deemed to have passed the examination for the degree of Master of Arts.

V. The fee for the examination for the degree of Master of Arts shall be one guinea.

Of the Scholarship Fund.

I. The sum of one thousand five hundred pounds out of the annual income of the University shall be appropriated yearly, and paid into a separate account, for the establishment from time to time of scholarships, according to regulations to be made by the Senate. Any sums which may not have been expended during any year out of the funds appropriated to scholarships may be invested from time to time as the Senate may direct, and the interest accruing thereon shall be available for increasing, as occasion may require, the number of scholarships. The balance of the University funds shall be appropriated to defraying the expenditure incident to the conduct of examinations, and for the general purposes of the University, as may be directed by the Senate.

Of the Value and Tenure of Scholarships.

I. There shall be scholarships of three kinds, to be called Junior, Senior, and Medical Scholarships, of the annual value of £45, £60, and £100 respectively.

II. The number of scholarships to be offered in any year shall be fixed by the Senate at the annual meeting held previously to the examination for such scholarships.

III. No scholar shall be permitted to hold more than one scholarship at the same time.

Of Junior Scholarships.

I. The Junior Scholarships shall be open to candidates between the ages of sixteen and twenty-one years, who have not entered upon the University course, and shall be tenable for three years, unless otherwise herein provided.

II. Candidates for Junior Scholarships must state the schools at which they have been educated during the previous five years.

III. The Junior Scholarships shall be awarded at the entrance examination for excellence in any number not exceeding five of the following subjects:—1. Latin; 2. Greek; 3. English; 4. French; 5. German or Italian; 6. Mathematics; 7. History and Geography; 8. Natural and Physical Science. The time allowed for each paper set in these subjects shall be three hours. The following shall be the papers set:—

(1.) LATIN.—(a.) The Matriculation Paper. (b.) Translation at sight from and into Latin, and questions on history and antiquities.

(2.) GREEK.—As in Latin.

(3.) ENGLISH.—(a.) The Matriculation Paper. (b.) Paraphrase, illustration, and explanation of passages selected from the English historical plays of Shakespeare, and from Milton's poetical works; general questions on etymology, grammar, and the uses of words; also a short essay on some easily understood subject.

(4.) FRENCH.—(a.) The Matriculation Paper. (b.) Translation at sight from and into French, and questions on the literature of the age of Louis XIV.

(5.) GERMAN OR ITALIAN.—German, as in French, substituting the literature of the age of Goethe and Schiller. Italian, as in French, substituting the literature of the Age of Leo X.

(6.) MATHEMATICS.—(a.) Arithmetic (the whole subject), and Algebra, to quadratic equations, inclusive. (b.) Euclid, Books I., II., III., IV., and VI., and Plane Trigonometry, to solution of triangles, inclusive, with easy transformations and examples.

(7.) HISTORY AND GEOGRAPHY.—(a.) The Matriculation Paper on History. (b.) The Matriculation Paper on Geography. (c.) A paper on outlines of the history of England from the accession of Elizabeth, with especial reference to the colonies, and on Geography, political and physical.

(8.) NATURAL AND PHYSICAL SCIENCE.—Any two of the following:—

(a.) *Inorganic Chemistry.*

(b.) *Electricity.*

(c.) *Sound and Light.*

(d.) *Heat.*

(e.) *Elementary Mechanics of Solids and Fluids.*

(f.) *Elementary Biology.*—The structure and life-history of such typical unicellular organisms as *Bacterium*, *Saccharomyces*, *Protococcus* or *Closterium* and *Amœba*, and of such multicellular organisms having no differentiation of tissues as *Penicillium*, *Mucor* or *Agaricus*, *Spirogyra* or any other multicellular Alga,

Nitella, and *Hydra* or any other hydroid polyp; and the anatomy, physiology, and histology of a flowering plant and of a crayfish.

IV. The Junior Scholarships shall be awarded to those candidates who shall have obtained the highest aggregate of marks in any number not exceeding five of the subjects prescribed in Section III. of this Statute, and to such subjects the values given in the Schedule hereunto appended shall be assigned: Provided that for the purpose of awarding Junior Scholarships no marks shall be counted in any subject in which the candidate shall have obtained less than one-fifth of the value assigned to that subject.

SCHEDULE.

Values of Subjects for Junior Scholarship Examination.

1. Latin	...	...	1,500
2. Greek	...	...	1,000
3. English	...	...	1,000
4. French	...	...	750
5. German or Italian	...	...	750
6. Mathematics	...	...	1,500
7. History and Geography	...	...	750
8. Science	...	...	1,000

V. No person shall be entitled to hold a Junior Scholarship unless within three months after its acquisition he shall have matriculated as a member of the University, and shall have entered his name upon the books of some affiliated institution, nor unless he shall attend regularly the course of studies and lectures provided by such institution: Provided that any scholar may, on giving notice to the Chancellor, pursue his studies at some Affiliated Institution other than that in which he may have originally entered.

VI. A Junior Scholarship shall become vacant by neglect on the part of the holder to pass each year in at least two subjects of the annual examination of the institution upon the books of which he may have entered his name, unless the holder shall produce proof to the satisfaction of the Chancellor that he was unable from illness or other sufficient cause to attend.

VII. All junior scholars, unless for any reason specially excused by the Chancellor, shall, as a condition of holding their scholarship, be required at the end of their second year after matriculation to pass in one section of their examination for the degree of Bachelor of Arts.

VIII. The fee for the examination for Junior Scholarships shall be one guinea.

Of Senior Scholarships.

I. The Senior Scholarships allotted by the Senate in any year shall be awarded, on the recommendation of the Examiners, to students who shall pass either the first or the second section of the examination for the degree of Bachelor of Arts, and shall attain great credit in at least one subject of that examination, and who shall also exhibit a degree of proficiency in the same subject, satisfactory to the Examiner, in an additional examination to be given for the purpose of awarding Senior Scholarships.

II. The list of Senior Scholarships so recommended shall be final, provided that it be found to be in conformity with the resolutions of the Senate and the instructions founded thereon.

III. For the purpose of awarding Senior Scholarships there shall be given separate papers containing questions of a higher

character than those set for the degree of Bachelor of Arts, and not necessarily confined within the limits of the subjects as defined for the degree of Bachelor of Arts. The following shall be the papers set, and where the Honours papers are prescribed a lower standard of work will be accepted :—

(1.) LATIN LANGUAGE AND LITERATURE.—(Two papers.)—(a.) Translation of unseen passages from Latin into English; questions on grammar, history, and antiquities. (b.) The Honours Paper in Latin prose (c).

(2.) GREEK LANGUAGE AND LITERATURE.—(Two papers.)—(a.) Translation of unseen passages from Greek into English; questions on grammar, history, and antiquities. (b.) The Honours Paper in Greek prose (c).

(3.) ENGLISH LANGUAGE AND LITERATURE.—(Two papers.)—(a.) The Honours Paper (a). (b.) Such a knowledge of English literature of the period set for the degree of Bachelor of Arts as a candidate should have from reading the principal works of the main authors of the period.

(4.) MODERN LANGUAGES AND LITERATURE.—(Two papers.)—The answers must be given in the language chosen.

1. *French*. — (a.) The Honours Paper (a). (b.) Such a knowledge of French literature of the period set for the degree of Bachelor of Arts as a candidate should have from reading the principal works of the main authors of the period.

2. *German*. — (a.) The Honours Paper (a). (b.) Such a knowledge of German Literature of the period set for the degree of Bachelor of Arts as a candidate should have from reading the principal works of the main authors of the period.

(5.) GENERAL HISTORY AND POLITICAL ECONOMY. — (Two papers.)—(a.) *General History*.—As for the degree of Bachelor of Arts, but treated more fully. (b.) *Political Economy*.—The Honours Paper.

(6.) JURISPRUDENCE AND CONSTITUTIONAL HISTORY. — (Two papers.)—The Honours Papers.

(7.) MATHEMATICS. — (a.) *Elementary Geometry, Plane Co-ordinate Geometry, and Conic Sections*.—The Honours Paper (a). (b.) *Algebra, Trigonometry, and Differential and Integral Calculus*.—The Honours Paper (b). (c.) *Elementary Mechanics and Hydrostatics*.—As for the degree of Bachelor of Arts, but treated more fully.

(8.) PHYSICAL SCIENCE.—As for the degree of Bachelor of Arts, but treated more fully.

(9.) CHEMISTRY.—As for the degree of Bachelor of Arts, but treated more fully.

(10.) NATURAL SCIENCE.—As for the degree of Bachelor of Arts, but treated more fully.

(11.) MENTAL SCIENCE.—(a.) *Psychology and Ethics*.—The Honours Paper (a). (b.) *Logic*.—The Honours Paper (b).

IV. Senior Scholarships which shall have been gained by candidates at the time of taking the first section of the examination for the degree of Bachelor of Arts shall be tenable for one year, and in the case of candidates for Honours for two years.

V. Senior Scholarships which shall have been gained by candidates at the time of taking the second section of the examination for the degree of Bachelor of Arts shall be tenable for one year, and shall only be tenable by candidates for Honours.

VI. Senior Scholars shall furnish to the Chancellor satisfactory proof that they are prosecuting their studies diligently at an Affiliated Institution.

VII. No Senior Scholar while in the enjoyment of his scholarship shall be qualified to compete for a second scholarship.

Of the Medical Scholarship.

I. The Medical Scholarship offered by the Senate in any year shall be tenable for three years.

II. The competition for the Medical Scholarship shall take place at the Senior Scholarship Examination, and shall be decided by excellence in the papers on Anatomy and Physiology, Zoology, Botany, and Chemistry.

III. The Medical Scholarship shall be open to graduates of the University of New Zealand, and to undergraduates of not less than two years' standing.

IV. The Medical Scholarship shall be held on condition that the holder gives satisfactory proof to the Chancellor that he is taking the necessary steps towards obtaining his medical degree in any British or Colonial University whose degree can be registered in New Zealand as entitling to practise.

Of the Bowen Prize.

I. There shall be a yearly prize, to be called the "Bowen Prize," of the value of not less than five pounds (£5), to be given for the best essay, as hereinafter provided. The prize, if a medal, shall be impressed with the arms of the University, and with the words "Bowen Prize" on the obverse side of the medal; and, if of books, each volume shall be impressed with the arms of the University, and shall be suitably bound.

II. The prize shall be open to all matriculated students of the University who shall not have taken their degree.

III. The Examiners shall be the Chancellor, the Vice-Chancellor, and one other person to be appointed by the Senate of the University in each year: Provided that such last-mentioned person shall hold office till the appointment of his successor: Provided also that, in case of a vacancy occurring in the above-mentioned body of Examiners, the Chancellor, or in his absence, or in case of his inability from any cause to act, the Vice-Chancellor, shall appoint some fit person to supply such vacancy.

IV. The subject for the essay shall be selected by the Examiners appointed as above, or any two of them, and shall be given out in the month of March in each year; and the essays shall be sent in to the Registrar before the thirty-first day of December next ensuing.

V. The subject of the essay shall be connected with, or shall bear reference to, British history, or the history, institutions, or destinies of the British colonies, or any of them.

Of the Degree of Bachelor of Laws.¹

I. Candidates for the degree of Bachelor of Laws shall pass three University examinations, one at the end of their second or any subsequent year, the subjects of which shall be—(1.) Latin Language and Literature. (2.) English Language and Literature. (3.) Jurisprudence and Constitutional History. The second examination shall be at the end of the third or any subsequent year, the subjects of which shall be—(1.) Roman Law. (2.) English Law on (a) Personal Rights and Rights in Private Relations, (b) Rights of Property, (c) Law of Contracts. The third examination shall be at the end of the fourth or any subsequent year, the subjects of which shall be—(1.) International Law. (2.) English Law on (a) Public Rights, (b) Civil Injuries, (c) Crime.

II. The first examination prescribed in Section I. shall be the same as for the degree of Bachelor of Arts.

III. Candidates for the degree of Bachelor of Laws, who shall have attained the degree of Bachelor of Arts or Master of Arts, either after examination or *ad eundem*, may proceed to the degree of Bachelor of Laws by passing an examination in Jurisprudence and Constitutional History, and by passing the second and third examinations prescribed in Section I. of this Statute: Provided that any such graduate in Arts may, at his option, take the second and third examinations together: and provided further that any such graduate in Arts, who shall produce satisfactory evidence of having already in his Arts course passed the examination in Jurisprudence and Constitutional History prescribed by the University of New Zealand, or by any University recognized thereby, shall be excused by the Chancellor from examination in one or both of those subjects.

IV. Every candidate intending to present himself for examination shall signify his intention to the Chancellor at least six months previously.

V. The fee for the examination for the degree of Bachelor of Laws shall be one guinea.

Of the Degree of Doctor of Laws.

I. The subjects of examination for the degree of Doctor of Laws shall be—1. Roman Law. 2. Jurisprudence. 3. The Principles of Legislation.

II. No candidate shall be admitted to the examination for the degree of Doctor of Laws until the examination of the second year following that in which the candidate shall have passed for the degree of Bachelor of Laws.

III. Every candidate intending to present himself for examination shall signify his intention to the Chancellor at least six months previously.

IV. The fee for the examination for the degree of Doctor of Laws shall be one guinea.

Of the Registration of Medical Students.

I. Every medical student shall be registered by the Registrar of the New Zealand University.

II. No medical student shall be registered unless he be a graduate in Arts of an University, or until he has passed a preliminary examination in the subjects of general education as hereinafter provided, and has produced evidence that he has commenced medical study.

III. The commencement of medical study shall not be reckoned as dating earlier than fifteen days before the date of registration.

IV. No candidate shall be admitted to the final examination for the degree of Bachelor of Medicine whose name has not been on the Medical Register for at least forty-two months previously.

V. The Registrar shall keep the Register of Medical Students according to the subjoined form:—

University of New Zealand.

Date of Registration.	Name.	Preliminary Examination and Date.	Place and Date of Commencement of Medical Study, as certified by a Master, Teacher, or Official in a Medical School or Hospital.

VI. The Registrar shall furnish extracts from the Register of the particulars of their registration to all students on application.

VII. All persons desirous of being registered as medical students shall apply to the Registrar according to the subjoined form :—

“I hereby apply to be registered as a Student in Medicine, in conformity with the Regulations of the General Council of Medical Education and Registration of the United Kingdom, for which purpose I submit the following particulars :—

Name of Applicant.		Preliminary Examination.	Date of Preliminary Examination.	Place and Date of Commencement of Medical Study.
Surname.	Christian Name.			

Applicant's Signature :

Address :

Date of Application :

VIII. The certificate of commencement of medical study shall be in this form :—

“I hereby certify that Mr. has commenced the study of medicine in .

[*Signature of Master or Teacher or Official in Medical School.*]

“To the Registrar for New Zealand.”

Of the Preliminary Examination of Medical Students.

I. COMPULSORY SUBJECTS.—The compulsory subjects of the preliminary examination of medical students shall be the following :—

(1.) *English Language, including Grammar and Composition.*—As for matriculation.

(2.) *English History.*—As for matriculation.

(3.) *Modern Geography.*—As for matriculation.

(4.) *Latin.*—As for matriculation, with the addition of translation from a given work.

(5.) *Arithmetic.*—As for matriculation.

(6.) *Algebra.*—As for matriculation, with the addition of quadratic equations.

(7.) *Geometry.*—As for matriculation, with the addition of the Third Book of Euclid.

(8.) *Elementary Mechanics.*—Composition and resolution of statical forces; mechanical powers, ratio of the power to the weight in each; centre of gravity; laws of motion; laws of motion of falling bodies; hydrostatics.

(9.) *Biology.*—(a.) General biology. (b.) Vegetable morphology. (c.) Morphology of the vertebrata. Practical Work: Dissection and microscopical examination of a common plant, of a fish, a bird, and a mammal.

II. OPTIONAL SUBJECTS.—Every candidate must also pass in one of the following subjects, as defined for the degree of Bachelor of Arts :—(1.) *Greek.* (2.) *French.* (3.) *German.* (4.) *Italian.* (5.) *Mental Science.* (6.) *Mathematics.*

III. No student can be registered till he has passed the first seven of the compulsory subjects.

IV. The remainder of the Preliminary Examination may be passed at or before the first professional examination.

V. Candidates in Biology must forward to the Registrar a certificate of their having done practical work.

Of Professional Education and Examinations in Medicine.

I. There shall be two degrees in Medicine,—Bachelor of Medicine and Doctor of Medicine.

II. All candidates for the degree of Bachelor of Medicine must keep terms for at least two years at a Medical School in New Zealand recognized by the Senate of the New Zealand University.

III. There shall be three professional examinations for the degree of Bachelor of Medicine.

IV. These shall be conducted as far as possible both by written questions and by *vivâ voce* and practical examinations.

V. There shall be two Examiners at every oral and clinical examination.

VI. Excellence in one or more subjects at an examination shall not compensate for failure in others.

VII. Rejected candidates must keep terms for one year before being readmitted to examination.

VIII. The first professional examination shall be held at the end of the candidate's second year's terms, in November, and shall include Chemistry, Practical Chemistry, and Anatomy. Candidates must forward to the Registrar at least fifteen days before the date of examination the following certificates:—

(1.) Of having attended a course of not less than one hundred lectures on Chemistry;

(2.) Of having attended a three months' course of instruction in Practical Chemistry;

(3.) Of having attended a course of not less than one hundred lectures on Human Anatomy;

(4.) Of having dissected the human body during two periods of six months each.

Candidates will not receive certificates of having passed the first professional examination unless either previously or at the time of examination they shall have completed the preliminary examination. Candidates in Anatomy may be called on to perform actual dissections.

IX. The second professional examination shall be held at the end of the candidate's third year's terms, in November, and shall include Physiology, Pathology (including Morbid Anatomy), Materia Medica. Candidates must forward to the Registrar at least fifteen days before the date of examination the following certificates:—

(1.) Of having passed the first professional examination;

(2.) Of having attended a course of not less than sixty lectures on Physiology;

(3.) Of having attended a course of not less than sixty lectures on Pathology;

(4.) Of having attended a course of not less than sixty lectures on Materia Medica;

(5.) Of having practised the dispensing of medicines for three months at a public dispensary, or under the superintendence of a member of the Pharmaceutical Society of New Zealand;

(6.) Of having attended the *post mortem* examinations of a hospital containing not less than a hundred beds, for two periods of six months each.

X. The third professional examination shall be held at the end of the candidate's fourth year's terms, and shall include Surgery and Surgical Anatomy, Clinical Surgery, Medicine (including Therapeutics and Insanity), Clinical Medicine, Midwifery and Diseases of Women, Medical Jurisprudence, and Public Health. Candidates must forward to the Registrar at least fifteen days before the date of examination the following certificates:—

- (1.) Of having passed the second professional examination;
- (2.) Of having been registered a medical student at least forty-two months previously;
- (3.) Of being twenty-one years of age before the date of graduation;
- (4.) Of having attended a course of not less than one hundred lectures on Surgery;
- (5.) Of having attended a course of not less than one hundred lectures on Medicine;
- (6.) Of having attended a course of not less than one hundred lectures on Medical Jurisprudence and Public Health;
- (7.) Of having attended a course of not less than sixty lectures on Midwifery and Diseases of Women;
- (8.) Of having attended for three years the medical and surgical practice of a hospital containing not less than a hundred beds, and having a distinct staff of physicians and surgeons. This certificate must state that the candidate has acted as dresser for six months in the surgical wards, and as clerk for six months in the medical wards. Six months of this hospital practice may be taken at a lunatic asylum containing not less than a hundred beds;
- (9.) Of having attended six midwifery cases;
- (10.) Of dispensary practice for six months either in the out-patient department of a hospital, or at a public dispensary, or with a qualified practitioner;
- (11.) Of having had instruction and practice in vaccination;
- (12.) Of having had clinical instruction in insanity.

Candidates in surgery will be examined practically as to surgical appliances and surgical anatomy, and may be required to operate on the dead body.

XI. No certificates—except that of instruction in chemistry—shall be received, except from such schools as are approved of by the General Medical Council of Great Britain.

XII. Any candidate who produces satisfactory evidence that he has passed an examination in chemistry, or in anatomy, or in physiology, or in pathology, or in materia medica, required for a degree in Medicine at an University in the United Kingdom or in the colonies, or for the Fellowship of the Royal College of Surgeons of England, shall, subject to the approval of the Chancellor, be exempt from examination in these subjects.

XIII. Candidates for the degree of Doctor of Medicine shall not be less than twenty-four years of age. They must have obtained the degree of Bachelor of Medicine at least two years previously, and must have been engaged during the interval in the practice or study of their profession.

XIV. Candidates must send in for approval a thesis on some subject belonging to the medical curriculum.

XV. Candidates shall also be examined, both in writing and orally, on any one of the following groups of subjects they may choose:—

- (1.) Anatomy and physiology;
- (2.) Surgery and anatomy;
- (3.) Medicine and pathology;
- (4.) Public health and medical jurisprudence.

XVI. The thesis, and notification of the subjects which the candidate chooses for examination, must be forwarded to the Registrar three months before the examination, which will be held in November of each year.

XVII. The fee for each examination shall be one guinea.

Of the Degree of Bachelor of Music.

I. A candidate for the Degree of Bachelor of Music must declare at the time of matriculation his intention of proceeding to that degree, and must also produce at the same time a certificate signed by two or more trustworthy persons that he has been studying or practising music, in New Zealand or elsewhere, for four years.

II. The regulations for proceeding to a degree in Arts apply also to a degree in Music, those excepted which prescribe a course of study and subjects for examination.

III. Candidates for the degree of Bachelor of Music are required to pass an examination in each year, as under the Statute "Of the Degree of Bachelor of Arts," but the examination shall be in Music only. The examination papers for the yearly examinations shall be framed at the discretion of the Examiners. To obviate difficulties arising from difference of opinion amongst masters in harmony, the Examiners will accept as correct all answers given in accordance with any standard work on harmony. The books recommended for study are,—Sir Frederick Ouseley's *Harmony, Canon, and Fugue*; Albrechtberger's *Guide to Composition* (Vols II. and III. of the entire work), for Counterpoint, Canon, and Fugue; and Cherubini, for the same.

IV. The final examination for the degree of Bachelor of Music shall be conducted in writing. The candidate will be required to add three parts in the strict style to a given subject, placing the subject successively in each part, without access to an instrument; and, with access to an instrument if desired, to write a single fugue in at least three parts in the free style to a given subject. He will also be required to compose a piece of vocal music on given words in at least four parts, with an accompaniment for the organ, or for not more than five stringed instruments. To these, which are imperative, the Examiners will add, at their discretion, further tests of proficiency. Instrumental performance will not be tested or taken into account.

V. A student who shall have taken his degree in Arts in the University of New Zealand may proceed to the degree of Bachelor of Music by passing the several prescribed examinations, though he may not have declared his intention of proceeding to that degree at the time of his matriculation, and such examinations may be conducted at any convenient times to be appointed by the Chancellor.

VI. The fee for the examination for the degree of Bachelor of Music shall be one guinea.

Of the Degree of Doctor of Music.

I. No person shall be admitted to the examination for the degree of Doctor of Music unless he shall have taken the degree of Bachelor of Music.

II. A Bachelor of Music wishing to proceed to the degree of Doctor must produce a certificate from two or more trustworthy persons that he has been studying or practising music, in New Zealand or elsewhere, for five years from the date of his admission to the degree of Bachelor of Music.

III. The examination for the degree of Doctor of Music shall be conducted in writing, and the candidate will be required to compose a piece of vocal music in eight parts, with an accompaniment for a full orchestra.

IV. The fee for the examination for the degree of Doctor of Music shall be one guinea.

Of Admissions ad eundem.

I. Any person may be admitted without examination as an undergraduate member of the University of New Zealand who shall have passed the matriculation examination or completed any part of his undergraduate course at any of the under-mentioned Universities—namely, Oxford, Cambridge, Glasgow, Aberdeen, St. Andrews, Edinburgh, Dublin, Durham, London, Queen's University of Ireland, Victoria University, Sydney, Melbourne, or Adelaide—and shall be considered of the same standing as regards the keeping of terms only as if he had been an undergraduate member of the University of New Zealand: Provided always that he shall give to the Registrar, to the satisfaction of the Chancellor, evidence of good conduct at any such University.

II. Any person who shall have been admitted to the degree of Bachelor of Arts, Master of Arts, Bachelor of Medicine, Doctor of Medicine, Bachelor of Laws, Doctor of Laws, Bachelor of Music, or Doctor of Music, in any of the following Universities—namely, Oxford, Cambridge, Glasgow, Aberdeen, St. Andrews, Edinburgh, Dublin, Durham, London, Queen's University of Ireland, Victoria University, Sydney, Melbourne, or Adelaide—may be admitted by the Senate to the same degree in the University of New Zealand. Candidates shall, on or before the first day of the meeting of the Senate in any year, lodge with the Registrar as evidence a diploma or calendar of the University to which they have formerly belonged, or a certificate of the Registrar or other recognized officer of the said University or college of the said University, together with proof of their identity by means of a statutory declaration or a certificate from a member of the Senate.

III. The fee for admission *ad eundem*, either as a graduate or as an undergraduate, shall be two guineas, and shall be paid by the applicant at the time of making application for such admission.

Of Diplomas.

I. Each successful candidate for a degree shall receive a diploma under the hand of the Chancellor, sealed with the University seal, certifying that such a degree has been conferred. The form of such diploma shall be as follows:—

"A.B. has been duly admitted to the degree of _____ in
the University of New Zealand.

"Given under my hand this _____ day of _____ one
thousand eight hundred and _____

"C.D., Chancellor."

II. Each successful candidate for Honours shall receive a diploma under the hand of the Chancellor, sealed with the seal of the University, in the following form:—

"A.B. has been duly admitted to the degree of Master of
Arts in the University of New Zealand, with
class Honours in _____

"Given under my hand this _____ day of _____ one
thousand eight hundred and _____

"C.D., Chancellor."

Of Academic Dress.

I. The robe for the Chancellor of the University is a black-velvet gown, with scarlet-velvet collar and facings embroidered with gold.

II. The robe for the Vice-Chancellor is a black-velvet gown, with scarlet-velvet collar and facings embroidered with gold less richly than that for the Chancellor.

III. The costume of a Fellow of the University is a black-silk gown edged with scarlet cord, and a black-velvet trencher with tassel.

IV. The robe for the Registrar is black silk with scarlet-silk collar and facings.

V. Graduates must appear at all public ceremonies of the University in the academical costume proper to their degree, but graduates admitted *ad eundem* may wear the academical costume of their own University.

VI. The gown for the Bachelor of Arts is the same as that of the Cambridge Bachelor of Arts; the hood is of the same size and shape as that of the Cambridge Master of Arts, and is lined with pink silk, and bordered with white fur.

VII. The gown for the Master of Arts is the same as that of the Cambridge Master of Arts; the hood is of the same size and shape as that of the Cambridge Master of Arts, and is lined with pink silk.

VIII. The gown for the Bachelor of Laws is the same as that of the Bachelor of Arts; the hood is of the same size and shape as that of the Bachelor of Arts, and is lined with light blue silk, and bordered with white fur.

IX. The gown for the Doctor of Laws is the same as that of the Master of Arts; the hood is of the same size and shape as that of the Master of Arts, and is lined with light blue silk.

X. The cap for all graduates is a black trencher with tassel.

Of University Fees.

I. Candidates for any examination shall, at the time of signifying to the Chancellor their intention to present themselves, pay the fee required by the University, irrespective of their passing or failing to pass, provided that a candidate who may present himself and fail to pass at any examination shall not be required to pay a second fee on his giving notice of his intention to present himself for re-examination.

II. The fees payable to the University of New Zealand shall be as follow :—

	£	s.	d.
For the Entrance Examination or any other University examination, except for Senior Scholarships ...	1	1	0
For certificate of any examination for the degree of B.A., LL.B., or LL.D. ...	0	5	0
For the degree of B.A. ...	3	3	0
For the degree of M.A. ...	7	7	0
For the degree of LL.B. ...	7	7	0
For the degree of LL.D. ...	15	15	0
For the degree of B.Mus. ...	7	7	0
For the degree of D.Mus. ...	15	15	0
For the degree of M.B. ...	7	7	0
For the degree of M.D. ...	15	15	0
For graduates of other Universities admitted to the same degree in the University of New Zealand ...	2	2	0
For undergraduates of other Universities admitted to the same standing in the University of New Zealand ...	2	2	0

In pursuance of section 10 of "The New Zealand University Act, 1874," the foregoing statutes of the Senate of the University of New Zealand are approved by the Governor in Council at Wellington, this 18th day of May, 1882.

FORSTER GORING,
Clerk of the Executive Council.