

FRENCH :

Pass Examination :

First Paper.

Section A.—Period of Literature : 17th Century.

Section B.—Corneille—*Le Cid*.Molière—*Tartuffe*.Racine—*Athalie*.

Second Paper.

Beaumarchais—*Le Barbier de Séville*.Edmond Rostand—*L'Aiglon*.Paul Bourget—*L'Étape*.

Honours Examination :

First Paper.

Section A.—M. Clédat—*Chrestomathie du Moyen-âge*. (pp. 256-324, 4th edition.)

Second Paper.

Section B.—The "Contours" of the 19th Century :

Mérimée—*Colomba*.A. Daudet—*Tartarin de Tarascon*.*Contes Choisis* de A. Daudet, Theuriet, Coppée (ed. Lacombé Groningue).

GERMAN :

Pass Examination :

First Paper.

Section A.—Period of Literature : 1724-1832.

Section B.—Schiller—*Das Lied von der Glocke*.Goethe—*Iphigenie auf Tauris*.

Second Paper.

Lessing—*Nathan der Weise*.Grillparzer—*Ein treuer Diener seines Herrn*.Scheffel—*Der Trompeter von Sülkingen*.

Honours Examination :

First Paper.

Section A.—Walther von der Vogelweide—*Sprüche* (*Wilmanns' Textausgabe*, 2nd ed., pp. 107-147).

Second Paper.

Section B.—*Die Dorfgeschichte*.Zschokke—*Das Goldmachedorf*. (Complete edition.)Auerbach—*Schwarzwälder Dorfgeschichten*. (Cotta's edition, Vol. I., pp. 1-102.)Rosegger—*Jakob der Letzte*.

PHILOSOPHY :

Honours Examination :

Fourth Paper.

Aristotle—*Nicomachean Ethics*, I.—IV., VI., VII., X.

(Translated by Peters.)

Descartes—*Meditations*. (Translated by Veitch.)**The Committee further recommends that :**

(1) In and after 1907, the following Lists of Books take the place of those specified on pages 115 and 116 of the Calendar, 1905-6, as sufficiently indicating the range of the Pass Examination in Logic and Psychology :

(a) LOGIC :

Mellone—*Introductory Text-Book of Logic*.Minto—*Logic, Inductive and Deductive*.

(b) PSYCHOLOGY :

Holling—*Outlines of Psychology*.Stout—*Groundwork of Psychology*.

(2) That in and after 1906 the definition of the range of the Third Honours Paper in Philosophy be :

Outlines of the History of Philosophy down to and including Kant.

The recommendation C(2) was held over till next meeting; the remainder of the Report was adopted with the slight amendment indicated in the case of the School Higher Examination.

The following Report of the Science Committee was submitted :

(see over)

3 Nov. 05.

Report of
Science Com^{tee}

(1) Sub-committees

(2) amended syllabus
in Physics.(3) applied and
Pure Mathematics(4) Regulations for the
Degree of D. Sc.

A. Appointment of Sub-Committee.

The Committee reports that, in accordance with the resolution passed at the last Council Meeting,

- (a) It has appointed three Sub-Committees as follows:-
 Sub-Committee A. (Mathematics, Applied Mathematics and Physics)
 Sub-Committee B. (Chemistry, Botany, Zoology and Geology)
 Sub-Committee C. (Mining)
- (b) It has decided that any business referred to it by the Council which in the opinion of the Vice-Chancellor falls naturally within the scope of one of the above Sub-Committees shall be dealt with in the first instance by such Sub-Committee and that the report of the Sub-Committee shall, unless the Council shall have directed otherwise, be submitted to the whole Committee for its consideration before a report is made to the Council.

B. Amended Syllabus in Physics.

The Committee recommends:

- (a) That the following amended Syllabus in Physics be adopted for the Examinations specified.

[See separate paper.]

- (b) That the Amended Syllabus come into force as follows:-
 Intermediate Examination in 1906.
 School Higher, Matriculation
 and B.A. Examinations in 1907.
 First Mining Examination in 1907.

C. Separation of Pure and Applied Mathematics at the B. A. Examination.

The Committee submit the following recommendations, the change to take effect in 1907:-

- I. That Applied Mathematics be a separate Subject at the Pass Examination, but that no candidate be allowed to take this Subject without also taking Pure Mathematics.

II. That Applied Mathematics be a separate Subject at the Honours Examination.

III. That, if the above recommendations are adopted, the syllabus for Pure and Applied Mathematics be as follows:-

[See separate paper.]

D. Regulations for the Degree of D. Sc.

The Committee recommends that the degree of Doctor of Science be conferred under the following Regulations:-

- I. Any Graduate in Arts or Science of the University of not less than five years' standing, reckoned from the date of his first degree, will be allowed to offer himself for the degree of D. Sc.

University of the Cape of Good Hope.

AMENDED SYLLABUSES IN PHYSICS.

A. SCHOOL HIGHER EXAMINATION.

I. The Metric system of weights and measures. The use of the balance. Practical determination of volumes of rectangular blocks. Direct determination of densities; Archimedes' principle; determination of specific gravities of solids heavier than water. Determination of specific gravities of liquids by specific gravity bottle. Simple experiments on pressures of liquids and gases. Barometer. Boyle's law.

II. HEAT.

Effect of heat in changing the states of bodies; melting point and boiling point. Temperature and its measurement on a mercury thermometer. Fixed points. Centigrade and Fahrenheit scales. Determination of linear expansion of solids. Determination of relative expansion of liquids. Determination of expansion of air at constant pressure. Determination of increase of pressure at constant volume. Definition of unit of heat. Determination of specific heat of solids. Latent heat of water and of steam. Simple experiments on conduction and convection of heat.

III. LIGHT.

Reflection from plane mirrors. Simple experiments on refraction. Tracing rays of light from air through a rectangular plate of glass and through a glass prism in simple cases.

[N.B.—The questions set will have regard to the conditions under which these subjects may best be taught experimentally at schools.]

B.—MATRICULATION EXAMINATION.

I. THE SUBJECTS OF THE SCHOOL HIGHER EXAMINATION.*

And in addition:—

II. LIGHT:

Propagation in straight lines. Photometry. Laws of reflection and of refraction. Experimental determination of distances between object and real image for concave mirror and convex lens. Experimental measurement of the magnification in these cases. Constitution of white light. Colour by absorption.

III. SOUND:

Production of sound and speed of sound, wave motion. Reflection of sound. Determination of frequency by simple methods. Experimental determination of the dependence of transverse vibrations of strings on length and on tension.

IV. MAGNETISM AND ELECTRICITY:

Magnets, their construction and properties. Mapping magnetic fields with iron filings. Magnetic induction. The compass needle.

Primary cells and their construction. Conductors and non-conductors. Electrolytic effect. Faraday's laws for a single electrolyte. Definition of current strength by electrolysis. Tracing of lines of force in the neighbourhood of straight and of circular currents. Galvanoscope with movable magnet. Action of a magnetic field on a simple movable electric circuit galvanoscope with a movable coil. Heating effects of currents. Relation between the magnitudes of the heating and chemical effects of a current.

[N.B.—The questions set will have regard to the conditions under which these subjects may best be taught experimentally in schools.]

* The marks given for this will not be more than 20 per cent. of the whole.

C.—INTERMEDIATE EXAMINATION.

I. Metric System of weights and measures. Elementary notions of velocity and of acceleration. Composition of two velocities. Laws of motion; elementary notions of force, mass, work, and energy. Unit of force and of work. Comparison of masses. Gravitation on the earth's surface, mass proportional to weight, use of a balance. Porosity of matter; diffusion in solids, liquids and in gases. Hooke's law in simple cases. Young's modulus; stretching tenacity of a solid. Pressure in liquids, variation with depth, Archimedes' principle. Density and specific gravities. Relation between volume and pressure in gases at constant temperature.

II. HEAT.

Temperature. Liquid thermometers, construction, graduations, and use. Expansion of solids, liquids, and gases. Unit of heat. Latent heat. Measurement of latent heat. Specific heat of liquids and of solids. Measurement of latent heat by method of mixtures, method of cooling, by ice calorimeter and by steam calorimeter. Fusion and solidification. Melting points; freezing mixtures; change of volume on melting. Evaporation and condensation. Pressure of saturated vapours. Boiling point. Change of volume on evaporation. Effect of nuclei on condensation. Dewpoint. Measurement of relative humidity.

III. LIGHT.

Propagation of light. Photometry. Laws of reflection and of refraction. Simple methods of determining the refractive index. Plane and spherical mirrors excluding caustics, prism; experimental laws of a thin lens; magnifying glass, spectacles, simple forms of microscope and telescope. Dispersion and colour. Colour by absorption. Colour of ordinary bodies.

IV. SOUND.

Wave motion. Wave length; period, and speed of wave. Interference of waves, stationary waves. Reflection of sound in air, at closed and at open ends of pipes. Resonance. Determination of frequency; pitch. Ratios of frequencies of the more important intervals. Longitudinal vibration of air columns, transverse vibration of strings. Determination of velocity of sound by Kundt's method.

D.—B.A. PASS EXAMINATION.

Written Examination. (Two Papers.)

First Paper, §§ I, III, and IV.

Second Paper, §§ II, and V.

I. The subjects of § 1 of the Intermediate Examination and in addition:

- (a) Resolutions of a velocity, of an acceleration, composition and resolution of forces; uniform motion in a circle; simple harmonic motion; composition and resolution of simple harmonic motions of the same period; composition of simple harmonic motions of different periods by graphical methods; rectilinear motion of a particle under constant acceleration; small oscillations of a simple pendulum. Terminal velocities. Definition of couple. Properties of couples. Work done by a couple. Kinetic and potential energies. Potential energy of a body in stable equilibrium.
- (b) Capillarity. Surface Tension, pressure due to spherical form of a soap bubble.

II. HEAT.

Air thermometers, constant volume and constant pressure. Conduction of heat, Forbes' and other methods. Mechanical equivalent of heat. Indicator diagrams. Adiabatic expansion. Critical temperature. Deviation from Boyle's Law. Van der Waal's equation.

III. LIGHT.

- (a) Variation of intensity by absorption. Experimental laws of intensity of reflected light. Measurement of angle by reflection; sextant. Huyghens's construction for reflected and refracted waves in isotropic media. Experimental laws of intensity of refracted light. Critical angle and total reflection. Refraction through a prism. Refraction at spherical surfaces for small pencils. General equation connecting object and image, principal foci, nodal points and principal planes. Ramsden and Huyghens's eyepiece. Determination of refractive indices. Experimental facts of anomalous dispersion and of its relation to absorption.

Dispersive power; conditions of achromatism for one pair of substances (excluding irrationality of dispersion); direct vision spectroscopy, spectrometer, telescopes, and microscopes.

- (b) Interference of light. Diffraction grating; wave length. Experimental facts of the polarisation of light by reflection and by ordinary refraction, by a parallel beam through a double refracting substance; interference colours of thin plates in parallel light. Ultra violet and infra red radiations, experimental proofs of their identity with light, except in wave length. Relation between absorption

and emission. Emission and absorption spectra. Production and comparison of spectra.

IV. SOUND.

Calculation of velocity in a medium from its elasticity and density. Doppler's principle.

V. ELECTRICITY AND MAGNETISM:

- Magnets; their axes, their structure, inverse cube and inverse square laws of mutual action, moment of a magnet. Magnetic fields, exploration and strength of the earth's field, simple principles of measurement (excluding theory of vibrations). Magnetic induction. Susceptibility and permeability, hysteresis curves. Diamagnetism. Theories of magnetism.
- Electrostatics. Positive and negative electricity, the electric field, fundamental laws of electrical quantity and distribution, conductors and dielectrics. Inverse square law, case of a uniformly charged conducting sphere. Gauss's theorem. Tension on an electrified surface, tubes of force, potential and equipotential surfaces. Capacity; specific induction capacity. Energy in the dielectric; residual charge. Parallel plates, capacity of the field. Attracted disc electrometers, the quadrant electrometer, the electrostatic voltmeter. Concentric spheres. Induction machines; Kelvin's replenisher, the Wimshurst.
- Current electricity. The mechanical, heating, and luminous effects of the disruptive discharge, the discharge through gases at various pressures. Arrangements of an ordinary voltaic circuit, batteries in series, and in multiple arc. Magnetic field near a circular and a straight current, definition of strength of current. Tangent and other moving magnet galvanometers. Simple forms of telegraph. Action of a magnetic field on a current, moving coil galvanometers. Magnetisation by currents, longcoil, ring magnet, magnetic resistance, electromagnets. Measurement of permeability and susceptibility of strongly magnetic bodies. Joule effect in conductors carrying current, fall of potential in circuit. Ohm's law, Kirchhoff's laws. Comparison of resistances; Wheatstone bridge. Principles of electric lighting. Measure of temperature by platinum resistance thermometer. Chemical effects of a current, laws of electrolysis, common cells including storage cells, standard cells. Comparisons of electromotive forces.

The Peltier and the Kelvin effects, the thermoelectric diagram (excluding thermodynamic theory). Measurement of temperature by thermoelectric junctions. Current induction, work done on a current moving in a magnetic field. Earth inductor, induction coil; comparison of magnetic field strengths by induction methods. Mutual and self-inductance. Principle of continuous current dynamo with ring and with drum armatures. Characteristic curves for series, shunt, and compound wound dynamos. The principles of the motor, the telephone, and the microphone.

Dimensions of the electromagnetic and the electrostatic units.

Practical Examination. (Two days).

Use of calipers, spherometer. Screw gauge. Calibration of a tube.

Determination of value of "g." Specific gravities. Young's modulus.

Determination of fixed points on a thermometer. Specific heats. Latent heat of water and of steam. Co-efficient of linear expansion of a solid, of dilatation of a fluid, of dilatation at constant pressure for a gas, of increase of pressure at constant volume for a gas. Relation between pressure and temperature of a saturated vapour. Dewpoint. Determination of melting points and of boiling points. Simple applications of bolometer and of thermopile.

Critical angle. Refractive index. Angle of minimum deviation. Focal length and radius of curvature of mirrors and lenses. Determination of angle by sextant. Magnifying power of telescope and of microscope. Photometry. Comparison of spectra and the determination of refractive indices for standard lines. Simple experiments with plane polarised light. Determination of dispersive power and of wave length.

Moment of a magnet. Distribution of magnetism in a magnet. Magnetic length of a magnet. Investigation of the magnetic field of a circular current. Simple capacities, specific inductive capacity, determination of capacity by comparison with a standard capacity. Measurement of current with a voltmeter. Determination of constant of a tangent galvanometer. Figure of merit of a mirror galvanometer. Measurement of current with tangent galvanometer, with mirror galvanometer, with dynamometer, with voltmeter and resistance measurer. Determination of resistance by Wheatstone's bridge and other methods, temperature co-efficient of a wire, resistance of a cell, of a galvanometer. Comparison of electromotive forces, with galvanometer and resistance, by electrometer, by potentiometer. Determination of temperature by a thermal element, and by variation of resistance of platinum. Comparison of magnetic field intensity by induction methods.

Viva voce examination on the use of instruments and on qualitative experiments.

E.—B.A. HONOURS EXAMINATION.

First Paper.

Moment of inertia. Determination of moment of inertia of a rectangular parallelepiped, of a cylinder. Period of vibration of a cylinder about a fixed axis. Period of vibration of a physical pendulum, of a ballistic galvanometer.

Definition of magnetic potential and of magnetic intensity of field and evaluation for the case of a small magnet, of a magnetic shell, of a uniformly magnetised sphere. General comparison of actual distribution of actual

magnetic elements with those of a simply magnetised earth. Calculation of vertical current through a terrestrial area. Principle facts relating to secular, annual and daily variations of the magnetic elements. Fourier analysis of the results. Principles of Fourier analysis as applied to physical observations.

Ionic theory of electrolysis. Velocity of ions in an electrolyte, electric conductivity of electrolytes, osmotic pressure, concentration cells.

Electric conductance of air at different pressures. Atmospheric electricity. Conductance produced in gases by heated solids, by flames, by ultra violet light, and by radioactive bodies. Effect of a magnetic field on the motion of ions. Determination of the charge, of the mass, and of the velocity of ions.

The fundamental facts of inductance, general laws of inductance. Self inductance and mutual inductance. Case of an inductive circuit with resistance and capacity. Rise and fall of a current, currents varying harmonically. Rotatory magnetic field.

Indicator diagram. Elasticity of a fluid. Isothermal lines of a gas, and of a vapour in contact with its liquid, continuity of liquid and gaseous state. Adiabatic curves. Van der Waal's equation.

Carnot's cycle. Second law of thermodynamics. Carnot's function. Absolute scale of temperature. Porous plug experiment and comparison of thermometric scales. Efficiency. Entropy.

The four thermodynamic relations. Specific heats at constant volume and at constant pressure, specific heat of a vapour in contact with its liquid. Latent heat; change of freezing and of boiling points by pressure. Freezing and boiling points of solutions and their relation to osmotic pressure. Application of thermodynamics to a voltaic cell and to thermo-electricity.

Elementary kinetic theory of gases. Interference. Colours of thin plates. Newton's rings. Biprism. Diffraction grating. Double refraction and polarisation in uniaxial crystals. Polarisation by reflection and by ordinary refraction. Nicol's prism. Circular polarisation. Elliptic polarisation. Rotation of plane of polarisations by solids and by liquids, and in a magnetic field. Polarimeters. Relation between radiation and absorption for a perfectly black body. Emissivity and its relation to temperature. Measurement of high temperatures by radiation. Bolometer. Anomalous dispersion, fluorescence, phosphorescence.

Second Paper. (Two hours.)

This paper will consist of six questions on the subjects of the Honours and of the Pass Syllabus with the exception of those parts which deal with dynamics. The candidate will be required to confine himself to two of these questions and to discuss them fully.

Practical Examination. (Two days).

More accurate determinations of the quantities required in the Pass Examination, and in addition:—

Moment of inertia.

Kater's pendulum. Determination of co-efficient of absolute dilatation of a liquid. Use of cathetometer. Testing a balance. Determination of vapour pressure. Change of boiling points and of freezing points by solutions of substances. Determination of vapour density by Meyer's method and by Hoffmann's method. Newton's law of cooling. Determination of γ . Determination of the mechanical equivalent of heat. Measurement of temperature by electrical methods.

Determination of wave length of monochromatic light by Fresnel's biprism, by diffraction grating. Production of circularly and elliptically polarised light and investigation of the state of polarisation. Rotation of plane of polarisation by quartz, by sugar solution, by glass in a magnetic field. Experiments with uniaxial crystals cut parallel or perpendicular to the axis in parallel and convergent light. Use of a quarter wave plate. Method of distinguishing positive and negative crystals; and right handed and left handed rotation of plane of polarisation. Use of refractometer, of interferometer. Carey Foster's method of calibrating a wire. Measurement of high resistance by ballistic galvanometer. Standardisation of a ballistic galvanometer by a continuous current. Comparison of capacity by bridge and by other methods. Comparison of self-induction of two coils. Comparison of self-induction with capacity. Comparison of

mutual induction with a capacity. Measurement of resistance of accumulator. Resistance of an electrolyte and its change with temperature. To set up a Clark cell and to compare it with a standard cell. Test of primary batteries and of secondary cells. Determination of horizontal intensity of earth's magnetism, of angle of dip, and of declination. Determination of magnetic field strength, by variation of resistance of a bismuth spiral, by rotation of plane of polarisation in glass, by induced current. Determination of permeability and susceptibility of iron and other magnetic metals. Plotting of a hysteresis curve, and calculation therefrom of coercive force, and residual magnetism. Use of potentiometer to measure current, resistance, to standardise a voltmeter, an ammeter. Determination of velocities of ions in liquids and in gases.

F.—FIRST MINING EXAMINATION.

The subjects of the B.A. Pass Examination omitting §§ I. (a) and III. (a).

First Paper—§§ I (b), II, III (b) and IV.

Second Paper—§ V.

Practical Examination.—As in B.A. Pass (two days).

II. Every candidate for the degree of B. Sc. will be required to present for the approval of the Council a Thesis or Dissertation dealing with any subject connected with the Mathematical, Physical, Natural or Applied Sciences these terms being used in their widest acceptation, provided that if required by the Council the candidate shall also pass such an examination as may from time to time be determined.

III. No Thesis or Dissertation shall be accepted which does not show either original research undertaken by the candidate or an advance on the current treatment of the selected subject.

E. Examiners' Reports.

The Committee reports that it has considered the extracts from the Examiners' Reports for 1904, and in connection therewith submits the following recommendations:

(1) That the syllabus in Algebra for the Intermediate Examination be amended by adding to the words "Equations of the first and second degree" the words "and Equations which may be reduced to these forms by simple Substitutions."

(2) That the attention of the Council be drawn to the following extract from the report of the Examiners in Botany at the B. A. Examination:

"As soon as a large number of candidate enter for this examination it will be advisable to have the practical examination conducted by the Examiner himself at one or two centres. The present mode of examination is not all that could be desired both from the candidate's and the Examiner's point of view."

In connection with this subject the Committee desires to add that it is of opinion that all B. A. Practical Examinations should be conducted by the Examiner or Examiners in person.

With reference to B. it was resolved that the syllabuses be adopted and come into force on the dates specified.

With reference to C a vote was taken on recommendation No. I. with the result that the recommendation was not adopted.

It was thereupon resolved to refer the whole of this portion of the report back to the Committee in view of the decision referred to above.

With reference to D paragraphs II and III. were adopted as printed; paragraph I was adopted in the following amended form:

any Master of Arts by examination in Department V or VI or any Master of Science by examination, of not less than three years' standing in each case, or any Bachelor of Arts with Honours in the Department of Science of not less than five years' standing

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will be allowed to offer himself for the degree of
D.Sc.

Section E was adopted.

was read

a Letter from a candidate for the Matriculation Examination who suffers from a nervous affection of the hand enquiring whether he will be allowed to use a black-board instead of paper for rough work in the case of the Algebra and Arithmetic papers, and also whether the Commissioner will be permitted to copy his work into his answer books.

It was decided to grant the request of the applicant, provided the Registrar was satisfied that the special Commissioner could be entrusted with the duty.

was read

a Letter from Professor Matthews, Rhodes' University College, requesting that the changes in the Intermediate Geometry Syllabus be not made compulsory until 1909, the year after the New Geometry is compulsory in the Matriculation Examination.

It was decided to refuse the request.

was read

a further

Letter from Professor Matthews enquiring whether a Matriculation candidate who fails in the Survey Examination held this year under the Old Regulations but passes in the subjects which constitute the Subjects of Part I. of the new Scheme will be excused that part in 1906.

It was resolved that such candidates be excused Part I in 1906.

was read

an

Enquiry as to whether under the revised Geometry Syllabus for the Intermediate Examination questions may be set which involve accurate drawing of Geometrical figures as in the Revised Syllabus of the Matriculation and School Examinations.

It was resolved to refer the matter to the Committee which draw up the Syllabus.

was submitted

a

Letter from the Attorney-General of the Transvaal submitting a request on behalf of the Transvaal Government that the regulations for the LL.B. Degree be so altered as to allow Transvaal candidates to take Transvaal Statute Law instead of Cape Statute Law,

a request was also submitted from the Transvaal Government for the institution of an examination for Advocates in the Transvaal who had qualified in other British Colonies.

Both requests were referred to the Law Committee with power to act.

Special Commission
to Matric. candidates

Letter re Intermediate
Geometry.

Letter re Survey
Exam. - Part I.

Intermediate
Geometry.

(Transvaal) LL.B.
Examination.

Transvaal advocates
Examination.

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Application from Otto Krome

An application was submitted from Mrs Otto Krome, a graduate of this University, to be appointed a representative of the University of Melbourne at its Jubilee celebration in April next.

It was decided to make no appointment at present and to leave the matter in the hands of the Vice-Chancellor's Committee to act if necessary.

The following

Letters from the Secretary of Senate of the South African College with reference to:

- (a) Conditions of entrance to the First Mining Examination.
(b) Publication of lists of candidates who have failed to pass the Matriculation Examination, but have qualified to enter for the Survey Examination.
(c) Provision by the Transvaal Technical Institute of teaching in Engineering and Electrotechnics for students who have taken the first two years of the course under the existing regulations.

were allowed to stand over until next meeting.

Commonwealth and York Progs.

The Registrar reported that a Thesis on "The Effect of the Sun spot frequency on the daily variation of the Magnetic Elements at the Cape of Good Hope."

It was decided to request Dr Schuster of Manchester and Dr Chree of Kew to examine and report upon the Thesis.

was read

Application for Loan.

A Letter from Advocate Alexander submitting the case of an undergraduate of the University at present studying medicine in England, with a view to obtaining financial aid from the Council.

It was decided to refer the matter to the Finance Committee.

Deputy Examiners appointed

It was resolved that Professors Brown and Matthews be appointed to mark the answers of candidates to the papers set by Miss Fawcett and Mrs Malherbe in Pure Pure Mathematics, and that Prof. Egg be appointed similarly in the case of Applied Mathematics for the B.A. Examination.

Honorary Secretary to Stellenbosch

An application on behalf of the Secretary of the Stellenbosch Examinations Committee for an increase of the honorarium allowed was referred to the Finance Committee.

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The following motions of which due notice had been given were considered:

Notes of Motion

- (1) Names added to Science Com^E
 (2) Marks for Practical Geology.
 (3) Scholarship reg^d
 (4) Paucities.

(1.) BY THE VICE-CHANCELLOR:

- (a) That the following be added to the Science Committee:—
 Miss Smith, B.A., Huguonot College, Wellington.
 Mr. Sutton, B.A., Diocesan College, Rondebosch.
- (b) That the marks to be assigned to the practical part of the examination in Geology at the Intermediate Examination be the same as for the Practical Examination in Chemistry.
- (c) That the Sub-Committee appointed by the Joint Committee of Literature and Science to consider the Regulations for the award of Scholarships with a view to their amendment be instructed to report direct to the Council.
- (d) That the Resolution of the Council referring the consideration of the desirability of including the subject of Paediatrics in the B.A. Scheme to the Joint Committee of Literature and Science be rescinded and that the question be referred to a special committee.

(a) and (c) were adopted as printed, (b) was referred to sub-committee B of the Science Committee. (d) was adopted and the following appointed to form the Committee:
 Professors Beattie, Mackenzie, Ritchie, Potcutt and Marcus, and Mr Jenkins

The following motion submitted

BY THE REV. CANON JENKINS was adopted:
 That the subjects and scheme of marks for the B.A. Examination of 1906 hold good for 1907.

The following motion submitted by Prof. Lozeman was adopted:

That the words "The Drama of the 19th Century" be omitted from the list of special subjects for the second paper in German of the B.A. Honours Examination. (Calendar p. 128).

The following motion of which due notice had been given by Mr Merriman was submitted.

By consent of the Council the motion was considered in the following amended form:
 "That the question of the desirability of the substitution of a School Learning Certificate for the School Elementary and School Higher Examinations be taken into consideration and agreed to."

The following amendment was moved by Mr Fremantle

"That the question of the desirability of the institution of a School Learning Certificate be referred to a Committee for consideration and report."

After discussion the amendment was put to the vote and carried. The following are the names on the Committee
 Professors Ritchie, Potcutt, Harrison, Walker, Marcus, Lozeman, Mr Merriman, Mr Fremantle, Canon Jenkins, Dr Kellie, Mr Moores, Mr Whetton, Dr Flint.

B. A. Literature
 1907.

B) Special Subject
 in German.

B) Learning Certificate
 Examⁿ.

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The following motions were allowed to stand over:

Motions
standing over.

BY PROFESSOR NOTCUTT:

(a) That in and after 1907, candidates for the degree of B.A. (Literature) be required to pass in any five of the following six subjects:

Latin.	English.
Greek.	Another Modern Language.
Philosophy.	History.

- (b) (1) That a Committee be appointed to enquire into the standard required for a Pass and for Honours at the B.A. Examination.
- (2) That the Committee consist of Professor Beattie, Canon Jenkins, Professor Mackenzie, Professor Ritchie and the mover.

BY PROFESSOR LOGEMAN:

(a) That the sentence in brackets in section B of §9, page 252 of Calendar be transferred to section A.

BY PROFESSOR WALKER:

That the Regulations for Honorary Degrees be amended as follows: (See separate paper.)

1. A Standing Committee, to be called "The Honorary Degree Committee," shall submit to the Council from time to time the names of persons whom the Committee recommends for Honorary Degree. The Committee shall consist of the Vice-Chancellor, the Pro Vice-Chancellor, and five other members of Council.
2. No application of any kind, direct or indirect, from person desiring to obtain Honorary Degree shall be considered by the Committee.
3. No Honorary Degree shall be conferred unless recommended by the Committee.
4. Any member of Council desiring to recommend any person for an Honorary Degree must forward his recommendation to the Registrar, for submission to the Honorary Degree Committee, not later than the 30th of June.
5. It shall be the duty of the Committee to enter on its Minutes and furnish to the Council a full statement of the grounds on which it recommends any person for an Honorary Degree.
6. In ordinary course any recommendation for conferring Honorary Degree shall be submitted by the Committee at the regular meeting of the Council in November. But no such recommendation shall be considered unless the name of the person proposed for such degree has been submitted to the Council at the preceding ordinary meeting in August.
7. In the case of any person elected to the office of Chancellor and in any other case which in the unanimous opinion of the Committee warrants a departure from the procedure ^{specified} in Section Six the recommendation of the Committee may be submitted at any meeting of the Council, and may be decided on at the same meeting provided the ordinary notice of motion required in the Rules of Order and Procedure of the Council shall have been given in name of the Honorary Degree Committee; and if the recommendation of the Committee to confer the Degree shall be accepted, the Vice-Chancellor shall be empowered to summon a special ^{congregation} of the University for conferring the same.
8. No Honorary Degree shall be granted at any meeting of Council without the vote in its favour of at least two-thirds of the whole Council, non-resident members being entitled to vote by proxy.

BY THE REV. DR. MACGOWAN:

That September 30th instead of August 31st be the last day for lodging entries for the School Examinations.

BY PROFESSOR MORRISON:

That at the B.A. Honours (Science) Examination some research work be required.

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By Dr. Bueh :

That provision be made for instituting a degree (B.Sc.) in Agriculture, and that a committee be appointed to draft the necessary regulations for the degree.

Report of Mining Com^{rs}

The following Report was submitted by the Mining Committee :

RECOMMENDATIONS SUBMITTED.

I. That no candidate be admitted to the First Mining Examination unless he has passed the Matriculation Examination, or in that examination has passed* in all the compulsory subjects except Latin, or has satisfied the Council that he has passed elsewhere an examination of equivalent standard.

(*The present standard for a pass at the Matriculation Examination to be maintained with regard to the aggregate and subaggregates of available marks.)

II. *That no candidate be entitled to the degree of B.Sc. unless he has passed the Matriculation Examination or in that examination has passed in all the compulsory subjects except Latin and in an additional Modern Language†, or has satisfied the council that he has passed elsewhere an examination of equivalent standard.

* The conditions here specified are intended to replace paragraph 2(a) Calendar p. 188, the regulations on this page to be otherwise unaltered.

† Candidates will be required to specify at the time of entry the additional modern language which they wish to take and to obtain 25 per cent of the marks in that subject and 40 per cent of the available aggregate.

III. That the First Mining Examination be taken in two parts, to be called respectively the First and Second Mining Examination, the First to be taken at least one year after passing the Matriculation Examination or its equivalent referred to in Section 1, and the Second at least one year after passing the First Mining Examination.

IV. That the examination now known as the Second Mining Examination be retained with a modified syllabus and be called the Third Mining Examination.

V. That the subjects of the Examinations be as follows:-

1. First Mining Examination.
 - (1) Mathematics.
 - (2) Applied Mathematics.
 - (3) Physics.
 - (4) Chemistry.
 - (5) Mineralogy.
 - (6) Drawing.

3 Nov. 05.

Mining
Examin.

II. Second Mining Examination.

- (1) Mathematics.
- (2) Applied Mathematics.
- (3) Physics.
- (4) Electrotechnics.
- (5) Chemistry and Metallurgy.
- (6) Geology.
- (7) Engineering.
- (8) Drawing.

III. Third Mining Examination.

- (1) Mathematics.
- (2) Applied Mathematics.
- (3) Assaying and Metallurgy.
- (4) Geology.
- (5) Mining.
- (6) Surveying.
- (7) Engineering.
- (8) Electrotechnics.

VI. That those candidates who pass the First, Second and Third Mining Examinations of the University and subsequently take a specialised course in Mining for at least one year at some recognised Mining School to the satisfaction of the authorities of that School and of the University Council shall be entitled to have the Diploma [and the degree of B.Sc.] in Mining Engineering of this University.

(Students wishing to complete their course in this way must submit the name of the School at which they wish to do so to the Registrar before entering on their course for the approval of the Council.)

VII. That those candidates who pass the First and Second Mining Examinations of the University and subsequently take Third and Fourth Years' Courses in Mining at some recognised School ~~will~~, ^{Mining} ~~on proving this~~ to the satisfaction of the authorities of the School and of the University Council ^{will} be entitled to the Diploma in Mining Engineering of this University.

VIII. That the syllabuses for the three examinations be as follows.

(See separate papers.)

IX. That the Marks and standards for a pass in the examinations be as follows:-

I. First Mining Examination.

Mathematics		550
Applied Mathematics		300
Chemistry	{ Written, 200 }	350
	{ Practical, 150 }	
Physics	{ Written, 200 }	350
	{ Practical, 150 }	
Mineralogy	{ Written, 200 }	350
	{ Practical, 150 }	
Drawing		350
	Total	2250

Minimum required for a pass: 25 per cent in each subject and 40 per cent in the aggregate.

Mining Exams.

II. Second Mining Examination.

	Mathematics	400
	Applied Mathematics	500
	Physics { Written 200 } { Practical 100 }	300
Geology { Written 200 } { Practical 100 }	Electrotechnics { Written, 200 } { Practical, 100 }	300
Chemistry & Metallurgy	Assaying { Written, 200 } { Practical 150 }	350
	Engineering { Written, 400 } { Practical, 200 }	600
	Drawing { Written, 200 } { Work submitted, 150 }	350
	Total	2900

Minimum required for a pass: 25 per cent in each subject and 40 per cent in the aggregate.

III. Third Mining Examination.

	Mathematics	500
	Applied Mathematics	350
	Assaying { Written, 200 } { Practical, 100 }	300
	Geology { Written, 200 } { Practical 100 }	300
	Mining	500
	Surveying { Written, 100 } { Canal Survey, 200 }	300
	Engineering { Written, 400 } { Practical, 200 }	600
	Electrotechnics { Written, 300 } { Practical 150 }	450
	Total	2900

Minimum required for a pass: 25 per cent in each subject and 40 per cent in the aggregate.

X. That the proposed scheme of examinations come into force as follows:

First Mining Examination in 1906.

Second Mining Examination in 1907

Third Mining Examination in 1908

XI. That candidates who have entered upon the Mining Course under the existing regulations be allowed to complete their course under such regulations.

Refer Recommendation No II was withdrawn.

Recommendations I, III and IV, X and XI were adopted as printed.

VI was adopted with the omission of the words "and the Degree of B.Sc.", the case of candidates for such degree to be provided for separately.

VII was adopted with the slight verbal alteration indicated in red ink.

With reference to paragraphs V, VIII and IX it was resolved that the recommendations contained therein be provisionally adopted and that a Committee be appointed to consult with the Transvaal Technical Institute to consider the Mining Examinations and inter alia the question of Options, and to report; The Committee to consist of the following members:

A. The Mining sub-committee of the Science Committee;

Telegrams re Report of Mining Committee

I. From J. Macgowan and Mr Slater.

Please record our proxy votes at University Council adjourned meeting against any alteration in First Mining Examination until matter has been duly considered by all institutions concerned.

II. From the Secretary of Senate, Rhodes University College.

The Senate of Rhodes having learned with regret that a movement is afoot to get syllabus of First Mining hurriedly altered, respectfully requests that action be postponed until all institutions interested have had an opportunity of expressing an opinion on proposed changes which appear to be most undesirable.

The Science assessors belonging to this College have had no official information of these changes and protest against such proceeding.

3 Nov. 05.

- b. Two representatives from the Rhodes University Coll.
 c. Three representatives from the Transvaal Technical Institute.

Mining
Exams.

It was further decided that provision be made as at present for granting exemptions in the case of each examination;

(2) That the question of the fees to be paid by candidates and the question of the award of the exhibition be referred to the Finance and Scholarship Committees respectively.

Notice for
next meeting.

Mr Fremantle gave notice that at the next meeting he would move "That no change be made in any examination syllabus ^{or regulation} unless it has been approved by a clear majority of the whole Council.

L. Mervin Smith
 Vice-Chancellor

CONFIDENTIAL.

University of the Cape of Good Hope.

QUARTERLY COUNCIL MEETING :

16th February, 1906.

SECOND NOTICE.

University Offices,
Huguenot Memorial Buildings,
Queen Victoria Street, Cape Town,
14th February, 1906.

The next Quarterly Meeting of the Council will be held on Friday, 16th February, at 10 a.m., resuming if necessary on Saturday, 17th February, at 10 a.m.

W. THOMSON,
Registrar.

[OVER.]

BUSINESS :

1. Minutes to be read.
2. Letter from the Under Colonial Secretary reporting the appointment by the Governor of Dr. J. Hyslop as a member of Council for Natal, in place of Mr. R. D. Clark, resigned.
3. Letter from the Secretary of the Zuid Afrikaansche Taalbond expressing the satisfaction of the Committee of the Taalbond with the resolutions concerning Dutch Orthography and Syntax adopted at the August meeting of the Council.
4. Report of the Vice-Chancellor's Committee :
The Committee reports that it has admitted Arthur Amyot Steward to the Intermediate Examination.
5. Report of the Music Committee :
The Committee reports that it has admitted Miss Emma Sowter to the Teacher's Diploma Examination without passing the Elements of Music Examination.
6. Report of the Law Committee :
The Committee reports that it has completed the arrangements whereby candidates for the Final L.L.B. Examination will be allowed the option of taking Transvaal, O. R. Colony or Natal Statute Law, in place of Cape Statute Law.
7. Results of the School Examinations with the lists of Bursaries awarded to be submitted.
8. Results of the University Examinations with the lists of Exhibitions awarded to be submitted.
9. *Report of the Scholarships Committee.
10. Report of the Examiners for the Cornwall and York Prize.
11. *Registrar's Memorandum (A).
12. *Appointment of Examiners for 1906.
[See Report of the Examiners Selection Committee.]
13. Confirmation of Regulations previously adopted :
 - (1) Regulations for the Degree of M.Sc. in Pure Science. †
 - (2) Regulations for the Degree of D.Sc. †
 - (3) Amended Regulations for the Mining Examinations (provisionally adopted), †
See also Registrar's memorandum (B)
 - (4) Amended Regulations for the Matriculation Examination (provisionally confirmed), †

[The Report of the S. A. Teachers' Association to be considered in connection with (4).]

† See University Gazette for December, 1905.

* See Separate Papers.

14. *Report of the Survey Committee.

15. *Report of the Finance Committee.

16. Notices of Motion (standing over from last meeting) :

(1) BY PROFESSOR NOTCUTT :

(a) That in and after 1908, candidates for the degree of B.A. (Literature) be required to pass in any five of the following six subjects :

Latin.	English.
Greek.	Another Modern Language.
Philosophy.	History.

(b) (1) That a Committee be appointed to enquire into the standard required for a Pass and for Honours at the B.A. Examination.

(2) That the Committee consist of Professor Beattie, Canon Jenkins, Professor Mackenzie, Professor Ritchie and the mover.

(2) BY PROFESSOR WALKER :

That the Regulations for Honorary Degrees be amended so as to read as follows : (See separate paper.)

(3) BY DR. RECK :

That provision be made for instituting a degree (B.Sc.) in Agriculture, and that a committee be appointed to draft the necessary regulations for the degree.

(4) BY PROFESSOR LOGEMAN :

That the sentence in brackets in section B of §9, page 252 of Calendar be transferred to section A.

(5) BY THE REV. DR. MACGOWAN :

That September 30th instead of August 31st be the last day for lodging entries for the School Examinations.

17. Notices of Motion :

(1) BY THE VICE-CHANCELLOR :

That a Committee be appointed to suggest such alterations in the rules of procedure of the Council as are likely with due regard to the freedom of debate, to secure the more speedy despatch of its business.

(2) BY MR. FREMANTLE :

That no change be made in any examination regulation or syllabus unless it has been approved by a clear majority of the whole Council.

(3) BY PROFESSOR MORRISON :

(a) That in the second paragraph of the regulations for the Chalmers Memorial Prize, the word "four" be changed to "six".

(b) That for the B.A. Pass Examination in Science four subjects be required instead of three, provided that Candidates be allowed to substitute for one of the Science Subjects one of the following :—History, Logic and Psychology, French, German.

(c) That at the B.A. Honours Examination in Science two subjects be required, to be taken from one of the following groups :—

- I. Mathematics, Applied Mathematics, Physics.
- II. Physics, Chemistry, Geology.
- III. Geology, Botany, Zoology.

(d) That a Committee be appointed to provide for similar changes in the Department of Literature and Philosophy.

* See Separate Papers.

18. Letter from the Secretary of Senate, Rhodes University College, Grahamstown, submitting a proposal of the Senate that Pedagogics should find a place in the B.A. Examination.

19. Letter from the Secretary of the Wesleyan Methodist Conference submitting for the consideration of the Council the following resolution passed by the Conference at its last Session :

That the Cape University be requested to institute Degrees in Divinity.

20. Letter from the Secretary of the Grahamstown Educational Association submitting the following resolution passed at its meeting in October :

That in the opinion of this Association it is very desirable in adopting the modern method of Geometrical Teaching, that the order in which the propositions are to be treated should be laid down by authority of the University.

21. Letter from the Secretary of Senate of the S.A. College with reference to a candidate for the B.A. Examination in 1906, who wishes to take a fourth subject at the B.A. Science Examination with a view to being exempted from the whole of the First Professional Examination at Edinburgh.

[This Candidate having taken Botany and Zoology at the Intermediate Examination, is debarred by regulation (see Calendar p. 150) from taking Biology for the B.A. Examination.]

22. Miscellaneous.

I. Enquiry as to whether the Matriculation Certificate of the Transvaal Technical Institute will be accepted for admission to the Survey Examination.

Note. This matter has been considered by the Vice-Chancellor's Committee and a reply has been sent in answer to the enquirers to the effect that the University is not at present in possession of sufficient information regarding the comparative difficulty of passing the Matriculation Examination of the Transvaal Technical Institute and the Matriculation of the University to warrant it in accepting the former in place of the latter, but that the matter would be brought before the Council at its next meeting.

2. Application of Miss Packman for the extension of the tenure of her music exhibition for one year.
(The applicant is the last of the exhibitioners appointed for two years. A letter from Sir Hubert Parry, Principal of the Royal College of Music, accompanies her application.)
3. Letter from the Senior Government Analyst suggesting that application should be made to the Institute of Chemistry to have the B.A. Honours Examination in Chemistry recognized by the Institute as a substitute for the Intermediate Examination of the Institute.
4. Proposal that the University send an address of congratulation to the University of Aberdeen on the occasion of its quarter-centenary celebrations to be held in September next.
5. Request of Mr. P. Annecke to be admitted to the Intermediate Examination this year, with an expression of regret for the irregularities which took place at his examination in 1903.

16 Feb. 06

16th February, 1906.

A meeting of the University Council was held this day.

attendance

There were present

	The Vice-Chancellor (in the chair)
	The Pro Vice-Chancellor
Prof. Beattie	Prof. Mackenzie
Dr. Beck	Rev. A. Moores
Rev. G. P. Bender	Rev. Dr. Macgowan
Sir Bisset Berry	Prof. Inceutt
Rev. Dr. Flint	Prof. Ritchie
Mr. Fremantle	Rev. J. W. Russell
Rev. Dr. Holbe	Mr. Slater
Rev. Canon Jenkins	Prof. Walker
Prof. Logeman	Mrs. Whetton
Prof. Martin	Rev. Prof. Marais
Prof. Morrison	Prof. Viljoen
Dr. Muir	

The Registrar and Assistant Registrar also attended.

minutes

The minutes of the previous meeting were read and confirmed.

Time of objection
to granting degree

Before proceeding with the business before the meeting Sir John Buchanan raised the question as to the proper time for any objection being made to granting a degree or certificate to a candidate who had passed the necessary examinations for such degree or certificate.

The Vice-Chancellor ruled that in accordance with the provisions of Section 11 of the University Incorporation Act, the meeting of the Council at which the Reports of the Examiners were submitted was the proper time to raise the question.

Appointment
of Dr. Hyslop

a was read
Letter from the Under Colonial Secretary reporting the appointment by the Governor of Dr. J. Hyslop as a member of Council for Natal, in place of Mr. R. D. Clark, resigned.

16 Feb. 06.

Letter from
Taalbond Com^{tee}

a was read

Letter from the Secretary of the Zuid Afrikaansche Taalbond expressing the satisfaction of the Committee of the Taalbond with the resolutions concerning Dutch Orthography and Syntax adopted at the August meeting of the Council.

The following Reports of Committees were submitted and adopted:

Report of
Vice-Chancellor
Com^{tee}

Report of the Vice-Chancellor's Committee:

The Committee reports that it has admitted Arthur Amyot Steward to the Intermediate Examination.

Report of Music
Com^{tee}

Report of the Music Committee:

The Committee reports that it has admitted Miss Emma Sowter to the Teacher's Diploma Examination without passing the Elements of Music Examination.

Report of
Law Com^{tee}

Report of the Law Committee:

The Committee reports that it has completed the arrangements whereby candidates for the Final L.L.B. Examination will be allowed the option of taking Transvaal, O. R. Colony or Natal Statute Law, in place of Cape Statute Law.

Results of
Exams.

The Results of the School examinations held in November with the list of bursaries awarded, and the Results of the University examinations held in December with the lists of exhibitions awarded were submitted and confirmed.

[For lists of bursaries, exhibitions and other awards see University Gazette for March, 1906.]

A statistical table was submitted showing the results of the examinations of 1905 with the percentage of passes in 1904 attached.

[See University Gazette for March, 1906]

Cornwall &
York Prize

A Report was submitted from the Examiners for the Cornwall and York Prize recommending that the Prize be awarded to the writer of the Thesis submitted (Mr. G. H. A. Fericham).

It was resolved that the Prize be awarded in accordance with the recommendation of the examiners and that permission be given to the author to publish the Thesis. It was further resolved that an honorarium of five guineas be paid to each of the examiners.

The following Report was submitted by the Scholarships Committee:
(see over).

16 Feb. 06

Report of
Scholarships
Com^{tee}.
Award

The Committee recommends that the four Foundation Scholarships be awarded as follows:

- (1) Porter Scholarship.
No 1. in Mathematics. (A. C. de Wit)
- (2) Grey Scholarship. (Honorary)
No 1. in Classics. (Rhodes Scholar.) (J. V. Brink)
- (3) Grey Scholarship.
No 1. in Chemistry. (C. F. Kuis)
- (4) & (5) Queen Victoria Scholarships.
No 1. in Modern Languages. (Lydia van Niekerk)
No 1. in Zoology. (J. F. Dreyer)

B.

With reference to the three remaining eligible candidates viz:

- No 2 in Classics.
- No 1 in Botany.
- No 1 in Mental and Moral Science.

the Committee is of opinion that the marks obtained by them show that the standard is considerably below that reached by the five above candidates for scholarships and does not justify their recommending the award of any scholarship payable out of the General Fund of the University.

It was resolved that the four Scholarships available be awarded as recommended by the Committee.

tenure of
Scholarships

With reference to the conditions of tenure of the Scholarships it was resolved "that the precedent of last year be awarded" followed this year in the case of candidates desiring to continue their studies in the Colony".

Sir John Buchanan voted against the motion and desired that his vote be recorded.

Registrar's
Memorandum

In connection with the Examinations of the Year the following memorandum was submitted by the Registrar.

I. M.A. EXAMINATION IN PHILOSOPHY.

(Old Regulations).

The Committee of Examiners submitted a Report stating that in its opinion the candidate for the M.A. Examination had not satisfied the requirements of the examination for the full degree, and recommending that the candidate be reckoned as having passed Part I of the M.A. Examination under the New Regulations.

As no provision has been made for a case of this kind the matter is referred to the Council for its decision.

M.A. Examination
Part I

16 Feb. 06

School Higher
& Matric
Arithmetic

II. SCHOOL HIGHER AND MATRICULATION
ARITHMETIC PAPERS.

In the case of the School Higher Examination the Examiner's returns and his report thereon showed that the paper had proved harder than papers of ^{former} years. The Committee accordingly resolved to make allowance for this by accepting a minimum of 75 instead of 100 in Arithmetic and an aggregate of 575 instead of 600.

In the case of the Matriculation Arithmetic it was not found necessary to make any allowance, although complaints had been lodged against the paper by the S.A. Teachers Association and others.

It may be added that of the 533 candidates who failed only one whose aggregate would have entitled him to a pass failed in Arithmetic.

III. TEMPORARY CERTIFICATES FOR LAW CANDIDATES.

As the number of applications from successful Law candidates for the grant of temporary certificates to enable them to be registered immediately after the publication of the pass lists, has of late increased considerably, it is suggested that if the Council approves of the continuance of the issue of such temporary certificates a fee of say 5/- be charged for this privilege. In applying for such certificates candidates have as a general rule expressed their willingness to pay any fee that may be required.

Temporary
Certificates

In accordance with the recommendation of the examiners contained in §1 the candidate for the M.A. Examination was allowed to be reckoned as having passed Part I of the M.A. Examination under the new Regulations.

With reference to §2 it was resolved that the report be accepted with an expression of regret of the Council that circumstances should have arisen to necessitate the course taken by the Committee.

It was further resolved that Inspectors and Chaimen be requested to make use of the powers entrusted to them to the full.

With reference to §III. it was resolved that the practice of issuing temporary certificates be discontinued after the present year.

The Regulations for the degree of B.Sc. in Pure Science and for the degree of B.Sc. adopted at the last meeting of the Council were confirmed.

Confirmation
of M.Sc. and
B.Sc. regulations

The Regulations for the Mining examinations provisionally adopted at the last meeting were also provisionally confirmed.

Mining
Regulations

16 Feby. 06

In connection with the Mining regulations the following Memorandum was submitted by the Registrar.

Mining Regulations - New Scheme.

- (1) In connection with the regulation for admission to the First Mining Examination (see second page of the report of Survey Committee) the Vice-Chancellor wishes it to be ruled that candidates claiming admission to the First Mining Examination under the second clause of this Regulation must have obtained an aggregate of 440 marks (viz. 40% of 1100) without counting any marks which the candidate may have obtained in Latin.
- (2) Paragraph (1) of the Regulations (see Gazette p. 11) appears to require that candidates exempted from the Matriculation Examination must have passed the exempting examination at least one year before the First Mining Examination. This interval is not demanded in the case of any other of the examinations to which the Matriculation is a preliminary, and the ruling of the Council is desired as to whether it was intended to make a difference in the case of the First Mining Examination.
- (3) The decision of the Council is desired as to what Mathematical Tables should be prescribed for use at the Mining Examinations.
- (4) An enquiry has been made as to whether candidates who have passed the Intermediate Examination should be excused such subjects of the First Mining Examination as are common to the two examinations, provided they have in these subjects reached the standard required for the First Mining Examination.

With reference to §(1) it was resolved that the ruling of the Vice-Chancellor be confirmed.

With reference to § 2, ^{it was resolved} that the regulation referred to stand as printed.

In this connection Prof. Morrison gave notice that he would move that the same interval be required in the case of all examinations to which the Matriculation is a preliminary.

The question as to the Mathematical tables to be used be referred to the Survey Committee.

The enquiry mentioned in §(4) was referred to the Mining sub-Committee of the Science Committee for consideration and report.

Admission to
1st Mining Exam.

Period previous
to 1st Mining
Exam.

Mathematical Tables
for 1st Mining.

Partial exemption
from 1st Mining

16 Feb. 06

Matriculation
Regulations
confirmed

S.A. Teachers
Conference

The question of the confirmation of the Matriculation regulations (Amended Scheme) was considered, and with in conjunction therewith the following Report of the General Committee of the South African Teachers' Association:

I have the honour, by direction, to forward you the views of the General Committee of the South African Teachers' Association on the Amended Scheme for the Matriculation Examination to come into effect in 1909, sent with your communication of November 29th. last, with a request for the Committee's consideration and report.

The Committee desire to express their sincere appreciation of the courtesy shown them in submitting the Scheme to them before its final adoption.

The Scheme was carefully considered by the Committee at its last meeting, which was a large and representative one. The following resolutions were passed:

"That the General Committee of the S.A.T.A. approves of the subjects English, Modern Languages, Latin, Mathematics and Science being made compulsory."

"That the Committee does not approve of "History or Greek" being compulsory."

"That the Committee greatly appreciates the arrangement of Mathematical subjects."

The Committee begs to submit the following recommendations:-

- (1) That Sechswana be included among Modern Languages.
- (2) That set books for Latin be retained.
- (3) That a paper on General Elementary Science (Physics and Chemistry) be added to the list of science subjects

With regard to "Marks and standards" the Committee begs to submit the following recommendations:-

- (1) That the marks for Latin and English be 350 in each subject.
- (2) That the marks for Mathematics be 600 - 200 for each branch.
- (3) That the proportional minimum of marks remain the same - both in individual subjects and in the aggregate (counting five compulsory subjects), but
- (4) That in counting the aggregate required for a pass, all marks obtained (whether in compulsory subjects or not), be added, provided the minimum required in each subject be reached.

I have the honour to be,
Sir,
Your obedient servant,
(Signed) E.J.Reynolds,
General Secretary!

16 Feby. 06

Metric. scheme

after full discussion the scheme was adopted with the following amendments:

- (1) The addition of Sekwana to the list of Modern Languages.
- (2) The addition of General Elementary Science (Physics and Chemistry) to the list of Science subjects.
- (3) That set books in Latin ^{and Greek} be retained and that the papers be divided into two parts as at present with a minimum of one-fifth in Part II in Latin.
- (4) The increase of the number of marks in Arithmetic and Algebra to 150 in each case.

The preparation of a syllabus in Elementary Science was referred to sub-Committee B. of the Science Committee.

Report of
Survey Com^{tee}.

The following Report of the Survey Committee was submitted and adopted:

REPORT OF THE SURVEY COMMITTEE.

(Submitted 16th February, 1906.)

- I. The Committee reports that it has exempted Mr. E.R. Hersfall, a Transvaal candidate from the whole of the Examination in the Theory of Land Surveying.
- II. The Committee further reports that it has considered certain matters in connection with the new Regulations for the Survey Examination and begs to submit the following recommendations:
 - (1) That the fee payable in the case of Transvaal candidates exempted from any part of the Examination be the full fee of £15 and in addition the Matriculation fee of £2 for exemption from that examination.
 - (2) That such candidates be required to obtain 50 per cent of the aggregate marks for a Pass in Part II as well as 30 per cent on each paper.
 - (3) That Vega's 7 figure tables be prescribed for use at both parts of the examination.
 - (4) That for this year the sub-aggregate in English and a Modern Language be not required for admission to the Survey Examination, the Committee being of opinion that candidates should be given the benefit of the doubt which has been raised as to the interpretation of the existing regulation, ^{but} that the regulation be amended so as to be the same as for admission to the First Mining Examination.

16 Feb. 06

Finance
Com^{tee}.

The following Report of the Finance Committee was submitted and adopted with the omission of the second paragraph of § 3.

REPORT OF THE FINANCE COMMITTEE.

(Submitted 18th February, 1906.)

The Committee reports as follows:

- I. That it has had under consideration the accounts for the year 1st July 1904 - 30th June 1905, together with an explanatory memorandum by the Registrar herewith attached.

The year opened with a debit balance on working account of £2466. 17. 6. which was reduced by the result of the year's working to £1613. 1. 1 thus showing a profit for the year of £853. 16. 5.

As explained by the Registrar there is held against this debit balance an invested fund of £2650 which had accrued in former years and it is hoped that the results of the current year's working will largely diminish, if not entirely wipe out the existing deficiency on current account.

It may be pointed out that for the year under review the receipts and expenditure of the University may be summarized as follows:

	Receipts.	Expenditure.
General	£4132. 13. 7	£4349. 13. 6.
On account of Examinations	£9437. 17. 4.	£8387. 1. 0.
	£13,570. 10. 11	£12,716. 14. 6

In other words there was a debit balance on general account of £216. 19. 11 and a profit on examination account of £1070. 16. 4 making as mentioned above a net balance to the good on the year's working of £853. 16. 5.

Under the circumstances the committee does not feel warranted in recommending any changes in the existing scale of fees or in other directions indicated in the Registrar's Memorandum.

- II. That it has had under consideration the question of the salary of the Assistant Registrar in view of the transfer of the Secretarial work of the Civil Service Commission to the Law Department and that it recommends that the salary of the Assistant Registrar be at the rate of £400 per annum from January 1st 1906, the present ^{arrangement of an} increase of salary to be cancelled and that in future the duty of Accountant be definitely assigned to the Assistant Registrar.
- III. That it recommends that the honorarium to the Secretary of the Stellenbosch University Examinations Committee be increased from £10 to £20, as in the case of Grahamstown; [and that the honorarium of the Secretary at Kimberley be reduced from £10 to £5 in view of the fact that mining examinations are no longer held at that centre.]
- with reference to the proposal of the Music Committee to increase the personal allowance of the Music Examiners from 20/- to 25/- a day, the Committee is of opinion that the present allowance is sufficient.

(not adopted)

16 Feb. 06.

IV. That it was unable to agree to the proposal to advance a sum of money in the form of a loan to the student on whose behalf an application for such loan had been made at last meeting.

Examiners fees

Prof. Morrison drew attention to the need for reversing the scale of fees to Examiners in the case of papers divided between two examiners. The matter was referred to the Finance Committee for consideration and report.

The following notices of Motion by Prof. McDuff were considered.

Scheme for B.A.

Committee 1908.

By PROFESSOR NOTCUTT :

(a) That in and after 1908, candidates for the degree of B.A. (Literature) be required to pass in any five of the following six subjects :

Latin.	English.
Greek.	Another Modern Language.
Philosophy.	History.

(b) (1) That a Committee be appointed to enquire into the standard required for a Pass and for Honours at the B.A. Examination.

(2) That the Committee consist of Professor Beattie, Canon Jenkins, Professor Mackenzie, Professor Ritchie and the mover.

To the first of these motions an amendment was proposed to the effect that the regulations in force for 1906 and 1907 continue in force until further notice.

On being put to the vote the amendment was carried.

The second and third motions were carried with the addition of the following names to the Committee: Professors Walker, Morrison and Logeman.

Motion by

Prof. Morrison

The following motions by Prof. Morrison were referred to the same Committee:

(b) That for the B.A. Pass Examination in Science four subjects be required instead of three, provided that candidates be allowed to substitute for one of the Science Subjects one of the following:—History, Logic and Psychology, French, German.

(c) That at the B.A. Honours Examination in Science two subjects be required, to be taken from one of the following groups:—

I. Mathematics, Applied Mathematics, Physics.
II. Physics, Chemistry, Geology.
III. Geology, Botany, Zoology.

(d) That a Committee be appointed to provide for similar changes in the Department of Literature and Philosophy.

The following motion by Prof. Logeman was adopted.

That the sentence in brackets in section B of §9, page 252 of Calendar be transferred to section A.

16 July. 86
Honorary
degree
regulations.

The following motion by Prof. Walker was adopted:

That the Regulations for Honorary Degrees be amended so as to read as follows: (See separate paper.)

1. A Standing Committee, to be called "The Honorary Degrees Committee," shall submit to the Council from time to time the names of persons whom the Committee recommends for Honorary Degrees. The Committee shall consist of the Vice-Chancellor, the Pro Vice-Chancellor, and five other members of Council.
2. No application of any kind, direct or indirect, from persons desiring to obtain Honorary Degrees shall be considered by the Committee.
3. No Honorary Degree shall be conferred unless recommended by the Committee.
4. Any member of Council desiring to recommend any person for an Honorary Degree must forward his recommendation to the Registrar, for submission to the Honorary Degrees Committee, not later than 30th of June.
5. It shall be the duty of the Committee to enter on its minutes and furnish to the Council a full statement of the grounds on which it recommends any person for an Honorary Degree.
6. In ordinary course any recommendation for conferring Honorary Degrees shall be submitted by the Committee at the regular meeting of the Council in November. But no such recommendation shall be considered unless the name of the person proposed for such degree has been submitted to the Council at the preceding ordinary meeting in August.

- In the case of any one of His Majesty's subjects who is a member of the Royal family, or*
7. *or* In the case of any person elected to the office of Chancellor, and in any other case which in the unanimous opinion of the Committee warrants a departure from the procedure specified in section six, the recommendation of the Committee may be submitted at any meeting of the Council, and may be decided on at the same meeting provided the ordinary notice of motion required in the Rules of Order and Procedure of the Council shall have been given in name of the Honorary Degrees Committee; and if the recommendation of the Committee to confer the Degree shall be accepted, the Vice-Chancellor shall be empowered to summon a special congregation of the University for conferring the same.
 8. No Honorary Degree shall be granted at any meeting of Council without the vote in its favour of at least two-thirds of the whole Council, non-resident members being entitled to vote by proxy.

regulations
for Chalmers
Prize

The following motion by Prof. Morrison was adopted:

That in the second paragraph of the regulations for the Chalmers Memorial Prize, the word "four" be changed to "six".

16 July. 06.

The following motion by Dr Beck was adopted:

That provision be made for instituting a degree (B.Sc.) in Agriculture, and that a committee be appointed to draft the necessary regulations for the degree.

degree in
Agriculture

The following were appointed members of the Committee:

Dr Beck, Prof. Beattie, Prof. Morrison, Dr Hobbs,
Mr Jack, Mr Lavis, Mr Hutcheon, Prof. Guerden.

rules of order.

The following motion by the Vice-Chancellor was adopted:

That a Committee be appointed to suggest such alterations in the rules of procedure of the Council as are likely, with due regard to the freedom of debate, to secure the more speedy despatch of its business.

The following were appointed members of the Committee: Sir Bisset Berry, Mr Searle, Dr Flint,
Mr Fremantle.

The following motion by Mr. Fremantle was referred to this Committee.

That no change be made in any examination regulation or syllabus unless it has been approved by a clear majority of the whole Council.

The following motion by Dr Macgowan, was, in the absence of the mover, held over till next meeting:

That September 30th instead of August 31st be the last day for lodging entries for the School Examinations.

Pedagogy
at B.A. Exam.

a

Letter from the Secretary of Senate, Rhodes University College, Grahamstown, submitting a proposal of the Senate that Pedagogy should find a place in the B.A. Examination was referred to the Special

Committee on Ordinances.

was submitted

a

Letter from the Secretary of the Grahamstown Educational Association submitting the following resolution passed at its meeting in October:

That in the opinion of this Association it is very desirable in adopting the modern method of Geometrical Teaching, that the order in which the propositions are to be treated should be laid down by authority of the University.

Geometry syllabus

It was decided to refer the matter to the Geometry Committee which drew up the syllabus.

16 Feb. 06

in 1903.

It was decided to accede to the Request

The Registrar reported that inquiries had been made as to whether the Matriculation Examination of the Transvaal Technical Institute would be accepted for admission to the Survey Examination.

and that This matter had been considered by the Vice-Chancellor's Committee and a reply had been sent in answer to the enquirers to the effect that the University is not at present in possession of sufficient information regarding the comparative difficulty of passing the Matriculation Examination of the Transvaal Technical Institute and the Matriculation of the University to warrant it in accepting the former in place of the latter, but that the matter would be brought before the Council at its next meeting.

It was decided that the matter be referred back to the Committee with a view to obtaining further information.

The following Examiners and Moderators were appointed for the examinations of 1906:

I. SCHOOL ELEMENTARY EXAMINATION.

LITERATURE COMMITTEE.

English I.	Rev. O. J. Hogarth, M.A.	Professor Notcutt, B.A.
English II.	Mr. E. A. Belcher, B.A.	Professor Notcutt, B.A.
English History.	Mr. C. Murray, M.A.	Mr. C. W. Cousins, B.A.
S.A. History.	Rev. Dr. Flint	Professor Cory, M.A., F.C.S.
Latin.	Rev. J. Macmillan, M.A.	Mr. W. A. Russell, M.A.
Dutch.	Professor Dingemans, M.A.	Rev. A. Moorrees
French.	Mr. R. D. Nauta.	Professor Logeman, B.A., L.H.C.
German.	Professor Lodewyckx, Litt.D.	Professor Viljoen, Phil.D.
Kafir.	Mr. W. G. Bennie, B.A.	
Sesuto.	Rev. Geo. Rolland.	
	Chairman: Professor Ritchie, M.A.	

SCIENCE COMMITTEE.

Arithmetic I. and II.	Mr. J. Barrie Low, M.A.	Professor Kent, M.A.
Descriptive Geography.	Dr. F. A. Cluver, B.A.	Mr. J. Smith, M.A.
Physical Geography.	Mr. J. Smith, M.A.	Dr. F. A. Cluver, B.A.
Mathematics.	Professor Sutton, B.A.	Professor Crawford, M.A., D.Sc.
Science.	Professor Cory, M.A., F.C.S.	Professor Morrison, M.A., B.Sc.
Handwriting.	{ Mr. R. Dale, M.A. Mr. J. Rodger, M.A.	
	Chairman: Mr. E. Noaks, M.A.	

II. SCHOOL HIGHER EXAMINATION.

LITERATURE COMMITTEE.

English I.	Rev. W. E. C. Clarke, M.A.	Professor Notcutt, B.A.
English II.	Professor Cholmeley, B.A.	Professor Notcutt, B.A.
Latin.	{ Professor Macdonald, M.A. Professor C. S. Edgar, M.A.	Mr. W. A. Russell, M.A.
Greek.	Mr. R. M. Exham, M.A.	Professor Ritchie, M.A.
History.	Professor Godee-Molsbergen, Litt.D.	Mr. C. W. Cousins, B.A.
Dutch.	Professor Logeman, B.A., L.H.C.	Rev. A. Moorrees.
French.	Mr. R. D. Nauta.	Professor Logeman, B.A., L.H.C.
German.	Professor Lodewyckx, Litt.D.	Professor Viljoen, Phil.D.
Kafir.	Mr. W. G. Bennie, B.A.	
Sesuto.	Rev. Geo. Rolland.	
	Chairman: Mr. C. Murray, M.A.	

SCIENCE COMMITTEE.

Arithmetic.	Professor Martin, M.A.	Professor Crawford, M.A., D.Sc.
Mathematics Part I.	Mr. E. Noaks, M.A.	Professor Kent, M.A.
Mathematics Part II.	Professor Malherbe, B.A., B.Sc.	Professor Brown, M.A., B.Sc.
Physics.	Professor Van der Riet, M.A., Ph.D.	Professor Morrison, M.A., B.Sc.
Chemistry.	Miss Duthie, B.A.	Dr. Tietz, M.A.
Botany.		Professor Pearson, M.A.
	Chairman: Mr. J. Barrie Low, M.A.	

(The name of the Examiner is given in the second column, and the name of the Moderator in the third column.)

III. MATRICULATION EXAMINATION.

LITERATURE COMMITTEE.

English I.	Professor Notcutt, B.A.	Professor Clark, M.A., LL.D.
English II.	Professor Clark, M.A., LL.D.	Professor Notcutt, B.A.
Latin, Part I.	Professor Kidd, M.A.	Mr. W. A. Russell, M.A.
Latin, Part II.	Professor Ritchie, M.A.	Mr. W. A. Russell, M.A.
Greek.	Mr. R. M. Exham, M.A.	Professor Ritchie, M.A.
History.	Professor J. Edgar, M.A.	Mr. C. W. Cousins, B.A.
Dutch.	Professor Viljoen, B.A.	Rev. A. Moorrees.
	Phil.D.	
French.	Mr. R. D. Nauta.	Professor Logeman, B.A., L.H.C.
		Professor Viljoen, Phil.D.
German.	Professor Lodewyckx, Litt.D.	
Kafir.	Mr. W. G. Bennie, B.A.	
Sesuto.	Rev. Geo. Rolland.	

Chairman: Professor Walker, M.A., LL.D.

SCIENCE COMMITTEE.

Arithmetic.	Professor Crawford, M.A., D.Sc.	Professor Bartmann, M.A.
Algebra.	Professor Kent, M.A.	Professor Crawford, M.A., D.Sc.
Euclid.	Professor Bartmann, M.A.	Professor Morrison, M.A., B.Sc.
Geometry.		Professor Bartmann, M.A.
Physics.	Professor Beattie, D.Sc.	Professor Morrison, M.A., B.Sc.
Chemistry.	Dr. Tietz, M.A.	Professor Van der Riet, M.A., Ph.D.
Botany.	Dr. Bertha Stoneman.	Professor Pearson, M.A.
	Chairman: Professor Brown, M.A., B.Sc.	

IV. INTERMEDIATE EXAMINATION.

LITERATURE COMMITTEE.

English I.	Professor Walker, M.A., LL.D.	Professor Loveday, M.A.
English II.	Professor Loveday, M.A.	Professor Walker, M.A., LL.D.
Latin.	Rev. H. V. Taylor, M.A.	Professor C. S. Edgar, M.A.
Greek.	Rev. B. H. Hampden-Jones, M.A.	Professor Ritchie, M.A.
History A. and B.	Professor Macfadyen, M.A., LL.D.	Mr. C. W. Cousins, B.A.
Dutch.	Mr. J. P. Botha, B.A.	Dr. Hoogenhout, M.A.
French.	Mr. Girdlestone, B.A.	Dr. Logie, B.A.
German.	Dr. Macgowan.	Professor Viljoen, Phil.D.

Chairman: Mr. C. Murray, M.A.

SCIENCE COMMITTEE.

Algebra.	Mr. E. M. Binckes, B.A.	Professor Malherbe, B.A., B.Sc.
Geom. and Trig. A.	Mr. J. Sutherland, M.A.	Professor Brown, M.A., B.Sc.
Geom. and Trig. B.	Mr. J. Sutherland, M.A.	Professor Brown, M.A., B.Sc.
Dynamics.	Mr. H. D. Badcock, M.A., A.M.I.C.E.	Professor Crawford, M.A., D.Sc.
Physics.	Professor Lehfeldt, D.Sc.	Mr. D. Williams, B.Sc.
Chemistry.	Mr. J. Muller, B.A.	Mr. H. C. L. Bloxam.
Prac. Chem.	Mr. J. Muller, B.A.	Mr. H. C. L. Bloxam.
Botany.	Mr. I. B. Pole Evans, B.A., B.Sc.	Dr. Bertha Stoneman.
Zoology.	Dr. Warren	Dr. Purcell, B.A.
Geology.	Mr. A. W. Rogers, M.A., F.G.S.	Mr. A. L. du Toit, B.A., F.G.S.

Chairmen: Mr. E. T. Littlewood, M.A., B.Sc.; Dr. Marloth, M.A.

V. B.A. EXAMINATION (LITERATURE AND PHILOSOPHY).

PASS EXAMINATION.

English I.	Rev. H. V. Taylor, M.A.	Professor Walker, M.A., LL.D.
English II.	Rev. J. A. Campbell, M.A.	Professor Loveday, M.A.
Latin I. and II.	Mr. A. H. Walker, M.A.	Professor C. S. Edgar, M.A.
Latin III.	Rev. B. H. Hampden-Jones, M.A.	Professor C. S. Edgar, M.A.
Greek I. and II.	Dr. Gillie, B.A.	Professor Ritchie, M.A.
Greek III.	Mr. W. A. Russell, M.A.	Professor Ritchie, M.A.
Dutch I.	Rev. A. Moorrees	Dr. Hoogenhout, M.A.
Dutch II.	Rev. J. P. van Herden, B.A.	Dr. Hoogenhout, M.A.
French I.	Mr. Girdlestone, B.A.	Professor Godee-Molsbergen, Litt.D.
French II.	Dr. Logie, B.A.	Professor Godee-Molsbergen, Litt.D.
German I.	Rev. G. W. Wagener, M.A.	Professor Viljoen, Phil.D.
German II.	Rev. K. A. H. Houghton, B.A.	Professor Viljoen, Phil.D.
Logic & Psychology I and II.	Rev. N. J. Brummer, M.A., B.D.	Rev. Dr. Kolbe, B.A.
History I.	Mr. H. C. S. Fremantle, M.A.	
History II.	Mr. C. D. Hope, M.A.	Mr. W. G. R. Murray, M.A.
	Mr. W. G. R. Murray, M.A.	Mr. C. D. Hope, M.A.

HONOURS EXAMINATION.

Classics I.	Dr. Gillie, B.A.	Professor Walker, M.A., LL.D.
Classics II.	Rev. B. H. Hampden Jones, M.A.	Professor Walker, M.A., LL.D.
Classics III.	Mr. W. A. Russell, M.A.	Professor Loveday, M.A.
Classics IV.	Mr. A. H. Walker, M.A.	Professor Loveday, M.A.
Mental and Moral Science I, II, III, and IV.	Rev. N. J. Brummer, M.A., B.D.	Professor Walker, M.A., LL.D.
English I.	Mr. H. E. S. Fremantle, M.A.	Professor Loveday, M.A.
English II.	Rev. J. A. Campbell, M.A.	Dr. Hoogenhout, M.A.
Dutch I.	Rev. A. Moorrees	Dr. Hoogenhout, M.A.
Dutch II.	Rev. J. P. van Herden, B.A.	Professor Godee-Molsbergen, Litt.D.
French I.	Dr. Logie, B.A.	Professor Godee-Molsbergen, Litt.D.
French II.	Mr. Girdlestone, B.A.	Professor Viljoen, Phil.D.
German I.	Mr. K. A. H. Houghton, B.A.	Professor Viljoen, Phil.D.
German II.	Rev. G. W. Wagener, M.A.	Professor Viljoen, Phil.D.
History I.	Mr. W. G. R. Murray, M.A.	
History II.	Mr. C. D. Hope, M.A.	
History III.	Mr. W. G. R. Murray, M.A.	
History IV.	Mr. C. D. Hope, M.A.	
History V.	Mr. W. G. R. Murray, M.A.	Rev. Dr. Flint.

Chairman: Mr. C. Murray, M.A.

VI. A. EXAMINATION (SCIENCE).

PASS EXAMINATION.

Mathematics A. I.	Professor Brown, M.A., B.Sc.	Professor Ogg, M.A., B.Sc., Ph.D.
Mathematics A. II.	Professor Ogg, M.A., B.Sc., Ph.D.	Professor Brown, M.A., B.Sc.
Mathematics A. III.	Professor Crawford, M.A., D.Sc.	Professor Mackenzie, M.A.
Mathematics B. I.	Professor Brown, M.A., B.Sc.	Professor Ogg, M.A., B.Sc., Ph.D.
Mathematics B. II.	Professor Ogg, M.A., B.Sc., Ph.D.	Professor Brown, M.A., B.Sc.
Mathematics B. III.	Professor Brown, M.A., B.Sc.	Professor Ogg, M.A., B.Sc., Ph.D.
Physics I.	Mr. D. Williams, B.Sc.	Professor Lehfeldt, D.Sc.
Physics II.	Professor Lehfeldt, D.Sc.	Mr. D. Williams, B.Sc.

PASS EXAMINATION.—Continued.

Physics III.	Mr. D. Williams, B.Sc.	Professor Lehfeldt, D.Sc.
Physics (Practical).	Professor Beattie, D.Sc.	
	Professor Malherbe, B.A., B.Sc.	
Chemistry I.	Professor Ogg, M.A., B.Sc., Ph.D.	Mr. J. M. Crofts, M.A., B.Sc., F.C.S.
Chemistry II.	Mr. H. C. L. Bloxam	Mr. H. C. L. Bloxam.
Chemistry (Practical)	Mr. J. M. Crofts, M.A., B.Sc., F.C.S.	
	Mr. H. C. L. Bloxam	
Botany I.	Mr. I. B. Pole Evans, B.A.	Dr. S. Schonland, M.A.
Botany II.	Dr. S. Schonland, M.A.	Mr. I. B. Pole Evans, B.A., B.Sc.
Botany (Biology).	Dr. S. Schonland, M.A.	Mr. I. B. Pole Evans, B.A., B.Sc.
Botany (Practical).	Dr. S. Schonland, M.A.	
Zoology I.	Dr. Warren	Professor Duerden, M.A., Ph.D.
Zoology II.	Professor Duerden, M.A., Ph.D.	Dr. Warren.
Zoology (Biology).	Dr. Warren	Professor Duerden, M.A., Ph.D.
Zoology (Practical).	Professor Duerden, M.A., Ph.D.	
Geology I.	Mr. A. W. Rogers, M.A., F.G.S.	Mr. A. L. du Toit, B.A., F.G.S.
Geology II.	Mr. A. L. du Toit, B.A., F.G.S.	Mr. A. W. Rogers, M.A., F.G.S.
Geology (Practical).	Mr. A. W. Rogers, M.A., F.G.S.	
	Mr. A. L. du Toit, B.A., F.G.S.	

HONOURS EXAMINATION.

Mathematics I.	Professor Ogg, M.A., B.Sc., Ph.D.	Professor Brown, M.A., B.Sc.
Mathematics II.	Professor Brown, M.A., B.Sc.	Professor Ogg, M.A., B.Sc., Ph.D.
Mathematics III.	Professor Crawford, M.A., D.Sc.	Professor Mackenzie, M.A.
Physics I.	Mr. D. Williams, B.Sc.	Professor Lehfeldt, D.Sc.
Physics II.	Professor Lehfeldt, D.Sc.	Mr. D. Williams, D.Sc.
Physics (Practical).	Professor Beattie, D.Sc. B.Sc.	
Chemistry I.	Mr. H. C. Bloxam	Mr. J. M. Crofts, M.A., B.Sc., F.C.S.
Chemistry II.	Mr. J. M. Crofts, M.A., B.Sc., F.C.S.	Mr. H. C. L. Bloxam.
Chemistry (Practical)	Mr. H. C. L. Bloxam	
	Mr. J. M. Crofts, M.A., B.Sc., F.C.S.	
Botany I.	Dr. S. Schonland, M.A.	Mr. I. B. Pole Evans, B.A., B.Sc.
Botany II.	Mr. I. B. Pole Evans, B.A., B.Sc.	Dr. S. Schonland, M.A.
Botany (Practical).	Dr. S. Schonland, M.A.	
Zoology I.	Dr. Warren	Professor Duerden, M.A., Ph.D.
Zoology II.	Professor Duerden, M.A., Ph.D.	Dr. Warren.
Zoology (Practical).	Professor Duerden, M.A., Ph.D.	
Geology I.	Mr. A. L. du Toit, B.A., F.G.S.	Mr. A. W. Rogers, M.A., F.G.S.
Geology II.	Mr. A. W. Rogers, M.A., F.G.S.	Mr. A. L. du Toit, B.A., F.G.S.
Geology (Practical).	Mr. A. L. du Toit, B.A., F.G.S.	
	Mr. A. W. Rogers, M.A., F.G.S.	

Chairmen: Dr. Marloth, and Mr. E. T. Littlewood, M.A., B.Sc.

VII. SURVEY EXAMINATION.

(Part I.)

Algebra.	Mr. E. M. Binckes, B.A.	Mr. R. F. Rendell, B.A., F.R.A.S.
Geometry.	Mr. J. Sutherland, M.A.	Mr. E. M. Binckes, B.A.
Trig. and Mensuration.	Mr. R. F. Rendell, B.A., F.R.A.S.	Mr. J. Sutherland, M.A.

(Part II.)

Spher. Trig. and Astronomy.	Mr. R. F. Rendell, B.A., F.R.A.S.	Mr. S. S. Hough, M.A., F.R.S.
Co-ord. Geom. and Differential Calculus.	Professor Ogg, M.A., B.Sc., Ph.D.	Professor Brown, M.A., B.Sc.
Theory of Surveying. Optics and Heat.	Mr. M. C. Vos, B.A.	Mr. J. J. Bosman.
Practical Physics.	Mr. D. Williams, B.Sc.	Professor Lehfeldt, D.Sc.

Chairman: Mr. E. T. Littlewood, M.A., B.Sc.

VIII. FIRST MINING EXAMINATION.

(Old Regulations.)

Mathematics I.	Mr. J. Sutherland, M.A.	Mr. M. Binckes, B.A.
Mathematics II.	Mr. E. M. Binckes, B.A.	Mr. J. Sutherland, M.A.
Dynamics.	Mr. H. D. Badcock, M.A., A.M.I.C.E.	Professor Crawford, M.A., D.Sc.
Physics I.	Mr. D. Williams, B.Sc.	Professor Lehfeldt, D.Sc.
Physics II.	Professor Lehfeldt, D.Sc.	Mr. D. Williams, B.Sc.
Physics (Practical).	Professor Beattie, D.Sc.	
	Professor Malherbe, B.A., B.Sc.	
Chemistry I.	Professor Martin, M.A.	Mr. J. G. Lawn, A.R.S.M., A.M.I.C.E.
Chemistry II.	Mr. J. G. Lawn, A.R.S.M., A.M.I.C.E.	Professor Martin, M.A.
Chemistry (Practical).	Professor Martin, M.A.	
	Mr. J. G. Lawn, A.R.S.M., A.M.I.C.E.	
Geology I.	Mr. A. L. du Toit, B.A., F.G.S.	Mr. A. W. Rogers, M.A., F.G.S.
Geology II.	Mr. A. W. Rogers, M.A., F.G.S.	Mr. A. L. du Toit, B.A., F.G.S.
Geology (Practical).	Mr. A. L. du Toit, B.A., F.G.S.	
	Mr. A. W. Rogers, M.A., F.G.S.	
Drawing.	Mr. W. M. Wallace, F.R.C.S.	Mr. W. J. Horne, A.M.I.E.E.

(New Regulations.)

Mathematics I.	Mr. E. M. Binckes, B.A.	Professor Malherbe, B.A., B.Sc.
Mathematics II.	Mr. J. Sutherland, M.A.	Professor Brown, M.A., B.Sc.
Mathematics III.	Mr. J. Sutherland, M.A.	Professor Brown, M.A., B.Sc.
Applied Mathematics.	Mr. H. D. Badcock, M.A., A.M.I.C.E.	Professor Crawford, M.A., D.Sc.
Physics.	Professor Lehfeldt, D.Sc.	Mr. D. Williams, B.Sc.
Practical Physics.	Professor Beattie, D.Sc.	
	Professor Malherbe, B.A., B.Sc.	
	Professor Ogg, M.A., B.Sc., Ph.D.	
Chemistry.	Mr. J. Muller, B.A.	Mr. H. C. L. Bloxam.
Practical Chemistry.	Mr. J. Lewis, B.A.	Mr. H. C. L. Bloxam.
Mineralogy.	Mr. A. L. du Toit, B.A., F.G.S.	Mr. A. W. Rogers, M.A., F.G.S.
Practical Examination.	Mr. A. L. du Toit, B.A., F.G.S.	
	Mr. A. W. Rogers, M.A., F.G.S.	
Drawing I.	Professor Orr, B.Sc., M.I.M.E., A.M.I.C.E.	Professor Dobson, B.Sc., A.M.I.C.E.
Drawing II.	Professor Dobson, B.Sc., A.M.I.C.E.	Professor Orr, B.Sc., M.I.M.E., A.M.I.C.E.

Chairmen: Mr. E. T. Littlewood, M.A., B.Sc., and Dr. Marloth, M.A.

IX. LAW CERTIFICATE AND CIVIL SERVICE LAW EXAMINATIONS.
COMMITTEE.

Mr. Advocate Close, B.A., LL.B.
 Mr. Advocate P. T. Jones, B.A., LL.B.
 Mr. Advocate Joubert, B.A., LL.B.
 Mr. Advocate Manfred Nathan, B.A., LL.D.
 Mr. Advocate Rainsford, B.A., LL.D.
 Mr. Advocate J. E. R. de Villiers, B.A., LL.B.

SPECIAL EXAMINERS.

Transvaal Statute Law: Mr. Advocate Barber, B.A., LL.D.
 Orange River Colony Statute Law: Mr. Justice Ward, LL.D.
 Natal Statute Law: Mr. Advocate Tatham, K.C.

Chairman: Mr. Advocate Searle, B.A., LL.B., K.C.

X. LL.D., LL.B., AND CIVIL SERVICE HIGHER LAW EXAMINATIONS.
COMMITTEE.

Mr. Justice Laurence, B.A., LL.D.
 Mr. Justice Kotze, LL.B., K.C.
 Mr. Justice Wessels, B.A., LL.B.
 Mr. Justice Ward, LL.D.

Chairman: Mr. Advocate Searle, B.A., LL.B., K.C.

XI. MUSIC EXAMINATIONS.

Written Examinations: Mr. Arthur J. Greenish, Mus. Doc.
 Mr. Charles Wood, M.A., Mus. Doc.
 Practical Examinations: Mr. Francis W. Davenport.
 Mr. Charles F. Reddie.
 Mr. Herbert F. Sharpe.

C. Abernethy Smith

VC

MEMORIAL STONE LAID.

INTERESTING PROCEEDINGS.

THE GOVERNOR ON HIGHER EDUCATION.

The ceremony of laying the memorial stone of the University Buildings in Queen Victoria-street, which was performed by His Excellency the Governor on Saturday morning, was an event of first-rate importance in the history of the University of the Cape of Good Hope, and one which attracted a great deal of interest generally on the part of those interested in the progress of higher education in this country. A large gathering assembled to witness the proceedings, the site of the new building being tastefully decorated with flags and bunting, whilst the band of the D.C.L.I. was in attendance, and discoursed a pleasing selection of music during the interval of waiting.

His Excellency the Governor, who was attended by Captain Lutley, A.D.C., arrived on the scene punctually at 10.30, the band at the same time playing the National Anthem. His Excellency was received by the Vice-Chancellor of the University (Sir C. Abercrombie Smith) and was accompanied to the stone by Sir John Buchanan, Colonel Crowe, C.B. (Colonial Secretary), Professor Inoumon (Registrar of the University), and the Rev. Canon Ogilvie, whilst amongst those who were also present on the platform were the Hon. P. Schreiner, K.C., the Rev. Dr. Kolbe, the Rev. Dr. Flint, Mr. F. S. Maslan, M.L.A., Mr. J. W. Jagger, M.L.A., Mr. J. D. Cartwright, M.L.A., Sir Wm. Thorne, M.L.A., Professor Walker, the Rev. J. M. Russell, Professor Rieche (president of Convocation), Mr. C. F. Juritz, D. T. Barrow-Dowling, Professor Logeman, and a large number of members of the University, who were, of course, in attendance.

The memorial stone, which was in the centre of the platform, bore the inscription:

"This stone was laid by

His Excellency the Governor,

the Honourable

Sir Walter Hilly Hutchinson,

G.C.M.G.,

24, February, 1906."

The proceedings commenced with the reading of a portion of Scripture and the offering of prayer by the Rev. Canon Ogilvie, the latter service being made in the latter to H.R.H. the Prince of Wales (Chancellor of the University).

VICE-CHANCELLOR'S ADDRESS.

The Vice-Chancellor of the University (Sir Abercrombie Smith) then delivered an address in the following terms: May I thank Your Excellency and members of the University Council, Mr. President and members of the Convocation, ladies and gentlemen.—We meet here today to mark an important step in the development and progress of this University, and it seems fitting that on such an occasion I should give a brief resume of its past history and indicate some of the directions in which further progress should be aimed at. The first step towards the establishment of an University in this colony was taken in 1858, when a Board of Examiners was created by Act 14 of that year. This Board was, in all respects, empowered to grant, after examination, first and second class certificates in literature and sciences. It was considered that the examination for these certificates were sufficient tests for the degree of Master of Arts and Bachelor of Arts respectively. By Act 4 of 1863 the Board was empowered to grant third-class certificates, the examination for which was intended to correspond with the Matriculation Examination of the University of London. By the section of the Act of 1865 it was provided that as soon as the persons holding first and second class certificates shall have reached the number of fifty, they should be appointed to sit in the Board of Examiners to be replaced by an Educational Council. In March, 1873, when the number of the holders of first and second class certificates approached fifty, the Government, being of opinion that the functions of the contemplated Council were inefficient for the encouragement and promotion of sound learning in the Colony, and that an Examining University with power to confer academic degrees should be established, appointed the Commission of eight persons, including the late Hon. William Porter, and the Rev. Canon Ogilvie (now present), to consider the whole question, and frame a scheme.

EARLY LEGISLATION.

In May of that year, this Commission reported, submitting a draft Bill, which was forthwith introduced into Parliament, and after unimportant amendments, was passed on the 16 of 1873. This Act provided that the first Council should be appointed by the Governor, but that subsequent Councils should be appointed, one-half by the Governor, and one-half by Convocation, vacant vacancies in the first and subsequent Councils being filled alternately by the Governor and by Convocation, and that colleges were to be incorporated with the University, as it was considered that the ten colleges were merely great schools, though it was admitted that two of them contained valuable collegiate elements. With a

view to possessing colleges for education or incorporation with the University, a Higher Education Bill was submitted to Parliament in 1874. This Bill proposed to raise the province to a higher state of professional education by developing existing collegiate institutions in the Colony, through grants-in-aid of professorships and scholarships, and to create, and to incorporate, led by the late Mr. John Paterson, it was referred to a Select Committee, on which I represented the Government. In the circumstances, Mr. Paterson moved a series of resolutions, one of which was to the effect, that in the Colony there is held for only two teaching colleges, and that Government should concentrate its powers on providing for two such colleges fully equipped in the Western and Eastern Provinces, both to be related to and forming the teaching college of the University. Concurring as I did with the then Superintendent-General of Education, and that it was not expedient to supersede the South African College, and all other similar institutions, as Mr. Paterson contemplated, I opposed in his proposals in the committee, and the Bill was passed substantially as submitted. In 1876 the number of members of Convocation being 100, the late Hon. William Thorne was elected as the first Chancellor, and in 1879 Her Most Gracious Majesty the late Queen Victoria was pleased to grant the University a Royal Charter.

THE UNIVERSITY COUNCIL.

In 1836 provision was made by which the neighbouring States and colonies might be represented on the University Council, and their students become eligible, equally with residents in the Colony, for all open scholarships and other rewards, but as yet Natal is the only colony which has availed itself of these privileges. Notwithstanding the great interest which has been taken in the University as not yet entitled to be called a teaching University, although it is by no means merely an examining University, and hitherto it has had no fixed habitation. This last reproach is now being removed. The late William Hidding generously bequeathed two pieces of land to the University as a site, and £25,000 towards the erection of suitable buildings. This was supplemented by a Government grant of £100,000. In the year 1903, architects were invited to send in designs for suitable buildings. No fewer than 62 designs were sent in, and after careful consideration, the first prize was awarded to Mr. W. Hawke, of London, who was thereupon appointed architect. It was then suggested that the elevation of his design would be greatly improved by increasing its height, converting the proposed basement into a ground floor, at an additional cost of from £7,000 to £10,000. This being approved, tenders for the erection of the buildings were invited in 1904, and out of a large number sent in, that of Messrs. E. B. Smith and Son of Cape Town, was accepted. When, however, it was ascertained that in the present financial position of the Colony, the Government was not at present prepared to grant further assistance, it was decided to proceed with only a portion of the amended design, at a cost of about £35,000. This leaves a portion, which will cost about £20,000, to be carried out as soon as the necessary funds are available, through the generosity of private benefactors, grants from Government, or from other sources.

THE FUTURE.

As regards the future progress of the University, I have long held that all colleges on attaining a sufficient standard should have a direct voice in the government of the University, in addition to or instead of the indirect voice at present exercised by the colleges through the Convocation, and that the University should have a direct voice in the government of all such colleges such as it at present possesses under the provisions of Act 15 of 1878, in respect of the South African College. I am also of opinion that while the University should leave to the colleges all that there is considerable demand, it should aim at providing for the teaching of subjects of importance which cannot be undertaken by the colleges without a great waste of teaching power. Suitable laws for this purpose, partly suggested by Mr. Hidding, and partly purchased, is already in the possession of the University, but at present there are no available funds to provide the necessary class rooms, and the salaries of professors. I venture to express the hope that the time necessary to complete the amended design (the elevation of which will be found in the proceedings of this day's proceedings) will be made by the Government in an early date for the incorporation with the University of colleges in South Africa, so that they may attain a sufficient standard, carefully avoiding any step which would retard or discourage the development of other educational institutions, which have not yet attained such a status.

Sir John Brohanan then requested His Excellency, in the name of the University, to proceed to lay the memorial stone of the new building, at the same time presenting His Excellency with the architect's presentation tablet, and the builder's presentation mallet.

The stone was then lowered into position, and duly declared by Sir Walter to be "well and truly laid."

HIS EXCELLENCY'S SPEECH.

His Excellency, who, on proceeding to address the assemblage, was received, with cheers, said: Mr. Vice-Chancellor, Ladies and Gentlemen.—We have all listened with a great deal of interest to the statement which has

been made to us by the Vice-Chancellor for upon this morning since the first is now nearly 48 years since the first germ of the University of Cape Town came into existence. The Vice-Chancellor has told us that in the year 1858 a Board of Examiners was appointed. After 15 years, as I understand what the Vice-Chancellor has said, there were not so many as 50 persons who had taken advantage of the examinations. The matter was then taken up in earnest, on which Canon Ogilvie, now pointed, on the one amongst us, served, and the University became a reality, and an entity by the law that was passed that year. Thirty-three years have passed since then. The first Council consisted of 20 members, and six of de Villiers, Sir Charles Elliott, Dr. those members are yet alive, Sir Henry Cameron, Canon Ogilvie, and your absent Vice-Chancellor and your present Vice-Chancellor, and he is the sole original member of the first Council who is now discharging the duties of Chancellor. Your thanks are due to him for those 33 years of strenuous labour, and let us all express the hope that he will continue to work in the good cause. Subsequently eleven other members were added to this first Council, of whom four are still living, namely, Archbishop of Cape Town, Professor MacGowan, Sir Thos. Fuller, and Professor Hain, and the latter is still serving on the Council, and I trust that he may be able to help us, and to aid in the advancement of education. (Hear, hear.)

THE FIRST VICE-CHANCELLOR.

Sir Charles has told us that in 1876, the number of members of Convocation having arrived at 100, the first appointment of a Vice-Chancellor was made, and it was a wise selection, William Porter, whose name is a household word amongst you, and who, always in the main, so far as his devotion to the good of the country which he evidenced in many ways. I may mention particularly the establishment of the Porter Hospital, which has done so much good, and will always bear his name. There have been six Chancellors, I find. Wm. Porter, Sir Bartle Frere, Lord Larabour, Sir Charles Elliott, Sir Justice Smith, and then there is your present Chancellor, H.R.H. the Prince of Wales, whom may God long preserve. Then there have been seven Vice-Chancellors, Sir Langham Dale, Sir Charles Abercrombie Smith, Archdeacon Badnall, Mr. Justice Smith, Canon Ogilvie, Mr. Muir, and Sir John Buchanan. The University has been fortunate in some ways, in securing the support of generous people. I refer particularly to Mr. Hidding, to whose liberality we are indebted for the erection of this building. The Vice-Chancellor has told us that, having collected £40,000, he wants £30,000 more. If he does, he shall have my warmest congratulations. The Vice-Chancellor has told us that this is not yet a teaching University, and I know those who say it is merely a Board of Examiners in another form, decked out with capes and hoods, and ceremonial paraphernalia which surround a University.

THE UNIVERSITY INFLUENCE.

But, Sir Charles Abercrombie Smith has asserted that the students of an examining University, but even if it were only an examining University, what great power and responsibility those students give it, for it is in its hands to mould the character and education of the country. It is for it to set the standard. It is for the University to encourage or to discourage cramming, to encourage or to discourage the student to decide to what extent education shall proceed upon lines of utility or upon lines of ornament. This University may be said to be the Goldsmiths' place its hall-mark upon the work of the educational institutions of the Colony, and it is for it, as it stands at present, to be the direct and indirect force that education shall proceed, and to what extent there shall be an alloy of the pure literary culture, which is necessary to make men not only educated, but citizens of the world. I understand from Sir Charles Abercrombie Smith that there are proposals for the extension or extension of the functions of the University, and that a subject which I am disposed to think it is one which will be discussed by these men in this great country who have their eyes on education, and I can only hope and pray that it will be decided upon the best lines, and to the mutual advantage of the Colony. In the meantime, I give me great pleasure to perform a duty which I believe to be worthy of the majesty of the University, and of the great work which I hope the educational institutions of the Empire, (Loud Cheers.)

Professor Ritchie then tendered the thanks of the University to His Excellency for his presence there, then, on the part of the University, the men for the Government were given the assemblage then sang two verses of the National Anthem, and the proceedings closed.

THE BUILDINGS.

The new University buildings occupy a site fronting on Queen Victoria-street, two streets to east and west, and a considerable area for extension towards the rear. The central

feature of the University buildings is three floors the suites of administrative rooms, the great hall, and the treatment of the elevation is in the style of the Italian Renaissance. The hall is in plan an adaptation of that of the ancient Greek theatre, a form eminently suitable for an auditorium. The interior diameter is 105 feet, and the height from the floor to the dome light is 56 feet. These dimensions secure abundance of light, and the effect of the placing of a gallery. The flat side of the hall is reserved for a platform with arrangements especially designed for University ceremonies. Provision has been made over the platform for an organ, which, it is hoped, will eventually be placed there. Ample provision has been made for the embellishment of the hall by means of paintings, etc., in the panels of walls and ceiling when funds for the purpose are available. Surrounding the hall on the four sides is a corridor, 4 feet wide, from which five double doors give direct and uninterrupted access to the auditorium. This corridor is accessible from the main entrance hall, 22 feet square, in Queen Victoria-street, and entrances in Lower and Upper Path streets give access to the galleries. After extensive inquiry, the Building Committee have selected the granite of South African stone as the most suitable for the external fabric. The base will be executed in Paarl granite, and the superstructure in Flatpan stone from the Orange River Colony. The roofs in general will be covered with Spanish tiles, and the dome with copper. Special provision has been made for the ventilation of the Great Hall by a system of fans forcing air into the building. Electric lighting will be used throughout the building; and in the auditorium, a system of gasolene lights distributed round the gallery arcadings will be added to the large hundred-light pendant suspended from the dome.

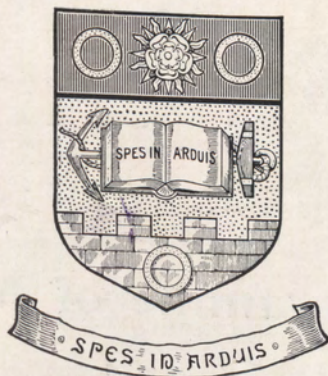
The architects for the new building are Messrs W. Hawke and W. B. Kinlay, the builders, Messrs F. C. Smith and Co., and the clerk of works, Mr. J. Pops. The following is a list of documents placed under the memorial stone: University Calendar for 1905-1906; University Calendar for December, 1905; programme of proceedings at the ceremony of laying the memorial stone; copy of the Vice-Chancellor's address; and programme of proceedings at the graduation ceremony, February 24, 1906.

GRADUATION CEREMONY.

ADDRESS BY MR. SCHREINER.

The annual Graduation ceremony in connection with Degree Day of the University of the Cape of Good Hope, which passed off on Saturday in the Synod Hall of the Huguenot Buildings, Queen Victoria-street, was, as usual, similar to those of previous years, inasmuch as the guests present seemed to have foregone his prerogative, and turned quite staid and contrite. The authorities, remembering past years had quietly but firmly set their heel on his immemorial uproar on that one day in all the year which he claims as specially his own. They evidently had not allowed him to sit with his fellows in a solid, singing, catervauling crowd, but had made judiciously in the graduation ceremony, the students were unable to find strength in numbers, and probably felt such restraint as compelled them to keep their tin trumpets and whistles in their pockets. The students, however, made up for the restraint by giving lusty cheers as each graduate or undergraduate came up for presentation. They especially showed their gallantry by vociferously applauding the lady students. At a casual glance, the hall seemed to contain a majority of ladies, whose elegant costumes were in pleasant contrast to the blue or scarlet hoods worn by the young men. His Excellency, who sat immediately facing the Vice-Chancellor, were Colonel Crowe, C.B. (Colonial Secretary), and Captain Lutley, A.D.C. On the platform were the Vice-Chancellor (the Hon. Sir Charles Abercrombie Smith, M.A., Kt.), the Pro-Chancellor (Sir John Buchanan, Kt.), Mr. W. P. Schreiner, K.C., Canon Ogilvie, Professor Rieche, president of the Convocation, and Mr. Charles Murray, secretary. Mr. Justice Laurens was also present, together with the various members of the University Council and Convocation.

University of the Cape of Good Hope.



Laying of Memorial Stone

OF THE

University Buildings

BY

HIS EXCELLENCY THE GOVERNOR,

The HON. SIR WALTER FRANCIS HELY-HUTCHINSON, G.C.M.G.

ON

Saturday, 24th February, 1906,

AT HALF PAST TEN O'CLOCK A.M.

Programme of Music.



- | | | | | |
|--------------|-------|----------------------|-------|-----------------|
| 1. MARCH | - - - | "Austria" | - - - | <i>Nowotny</i> |
| 2. VALSE | - - - | "Midsummer" | - - - | <i>Marigold</i> |
| 3. SELECTION | - - - | "The Orchid" | - - - | <i>Caryll</i> |
| 4. SONG | - - - | "The Flight of Ages" | - - - | <i>Bevan</i> |
| 5. SELECTION | - - - | "Veronique" | - - - | <i>Message</i> |
| 6. TWO STEP | - - - | "Anona" | - - - | <i>Grey</i> |

CONDUCTOR - - MR. H. MORTON-REILLY.

Order of Procedure.



10 a.m.—

Band of 1st Duke of Cornwall's Light Infantry.

(By Kind Permission of the Officer Commanding).

10.30 a.m.--

A portion of Scripture to be read and Prayer offered
by the Rev. Canon Ogilvie, M.A.

Address by the Vice-Chancellor.

Case containing University Documents to be placed
in the cavity under the stone.

Architects' Presentation Trowel and Builders' Presenta-
tion Mallet to be handed to His Excellency by
the Pro Vice-Chancellor.

Address by His Excellency.

Vote of thanks to His Excellency to be proposed by
the President of Convocation.

National Anthem.

God Save our Gracious King,
Long live our Noble King,
God Save the King.

Send him victorious,
Happy and Glorious,
Long to reign over us,
God Save the King.

Thy choicest gifts in store,
On him be pleased to pour,
Long may he reign.
May he defend our laws,
And ever give us cause
To sing with heart and voice,
God Save the King.



THE UNIVERSITY OF THE CAPE OF GOOD HOPE

The Buildings.



ARCHITECTS :

MESSRS. W. HAWKE, F.R.I.B.A., and W. N. MCKINLAY.

BUILDERS :

MESSRS. F. B. SMITH & CO.

CLERK OF WORKS :

MR. H. POYSER.

The New University Buildings will occupy a valuable site fronting on Queen Victoria Street, with streets to East and West, and a considerable area for extension towards the rear.

The central feature of the University Buildings will be the Grand Aula or Ceremonial Hall, and round this will be grouped on three faces the suites of administrative rooms. The general treatment of the elevation is in the style of the Italian Renaissance.

The Hall is in plan an adaptation of that of the ancient Greek Theatre, a form eminently suitable for an auditorium. The internal Diameter is 105 ft., and the height from the floor to the dome light is 56 ft. These dimensions secure abundant floor space and room for the placing of a gallery. The flat side of the Hall is reserved for a platform with arrangements specially designed for University ceremonies. Provision has been made over the platform for an organ, which it is hoped will eventually be placed there. Ample provision has been made for the embellishment of the Hall by means of paintings, etc., in the panels of walls and ceiling when funds for the purpose are available. Surrounding the Hall on the ground floor is a corridor nine feet wide from

which five double doors give direct and uninterrupted access to the auditorium. This corridor is accessible from the Main Entrance Hall, twenty-two feet square, in Queen Victoria Street, and entrances in Lower and Upper Perth Streets give access to the Galleries.

After extensive enquiry the Building Committee and the Architects decided upon South African stone as the most suitable for the external fabric. The base will be executed in Paarl granite, and the superstructure in Flatpan stone from the Orange River Colony. The roofs in general will be covered with Spanish tiles, and the dome with copper. Special provision has been made for the ventilation of the Great Hall by a system of fans forcing fresh air into the building. Electric lighting will be used throughout the building; and in the Main Hall a system of screened lights distributed round the gallery arcadings will be added to the large hundred-light pendant suspended from the Dome.



UNIVERSITY OF THE CAPE OF GOOD HOPE.

SPECIAL MEETING.

24th March, 1906.

The Vice-Chancellor having received a requisition in writing from four members of Council has (in terms of paragraph 2 of the Rules of Order and Procedure) directed that a special meeting of the Council be held on Saturday, 24th March, 1906, at 10 a.m.

BUSINESS.

I. To consider the Report of the Committee on Higher Education.
(See separate papers.)

The Vice-Chancellor, in terms of paragraph 5 of the Rules of Order and Procedure, invites non-resident members to record their votes by proxy on each paragraph of the recommendations of the Committee.

II. Miscellaneous.

W. Thomson,
Registrar.

MISCELLANEOUS BUSINESS.

- I. Resignation of the Assistant Registrar.
- II. Examiners in History for the B.A. Honours Examination.
- (a) As the appointment of the examiners in question has been challenged the Vice-Chancellor desires that the Council should have an opportunity before the appointments have been gazetted of deciding whether any action should be taken in the matter.
- (b) Apart from any question as to the qualifications of the two examiners already appointed, it is suggested that it would be well to increase the number of examiners for the Honours work to three, the two Pass papers and two of the Honours papers to be taken by the two examiners already appointed, the two remaining Honours papers to be taken by the additional examiner and the Essay to be taken jointly by the three examiners.
- III. As the Vice-Chancellor is of opinion that the course of study which two of this year's Scholars intend to pursue is not covered by the resolution passed by the Council at its last meeting, he desires to have an expression of the Council's opinion on the matter.
- IV. Appointment of a Chairman for the Committee of Examiners in Literature and Philosophy (Intermediate and B.A.) in place of Mr. G. Murray who is unable to act.

Special.
24/3/06.

SPECIAL MEETING.
24th March, 1906.

A Special Meeting of the Council, summoned by the Vice-Chancellor in accordance with the second paragraph of Section 2 of the Rules of Order and Procedure to consider the subjoined Report of the Committee on Higher Education was held this day. There were present:

The Vice-Chancellor (in the chair),	
Professor Beattie	Rev. A. Moorrees.
Rev. A.P. Bender	Professor Morrison
Mr. H.E.S. Fremantle	Professor Notcutt
Rev. Dr. Gibson	Professor Ritchie
Dr. Gregory	Rev. J.M. Russell
Canon Jenkins	Hon. W.P. Schreiner
Professor Logeman	Mr. Advocate Searle
Rev. Professor Marais	Professor Viljoen
Professor Martin	Professor Walker
Professor Mackenzie	Mr. Whitton

The following is the Report submitted by the Committee:

Report of the Higher Education Committee.

(Submitted 24th March, 1906.)

As a result of meetings of the Committee held on April 15th and May 6th, 1905, a circular was circulated among the five Colleges under the Higher Education Act with a view to ascertaining the opinion of those interested in the matters referred to the Committee.

The replies received to this circular were considered at a meeting of the Committee held on March 3rd, 1906, and after discussion the following resolutions were adopted.

1. That this Committee is of opinion that the evidence from the Colleges shows that there is a necessity for University reorganisation.
2. That this Committee does not consider that the time has arrived for the establishment of a number of separate Universities in this Colony but recommends that the University should be reorganized by some scheme of federation or affiliation of Colleges carrying on University work.

(Professors Beattie and Ritchie wished their dissent from this resolution to be recorded.)

3. That with a view to giving effect to the principle of reorganisation set forth in the last resolution this Committee recommends that the question of the details of such reorganisation be referred to an Inter Colonial Commission, failing which to a Cape Colonial Commission.

Attendance

*Report of
Committee
on
Higher
Education.*

4. That the Professors and Lecturers in Colleges should take part along with external examiners in the examining of their own students for University degrees and certificates, but not necessarily for Scholarships or for Government professional certificates such as the Survey certificate.

After a short discussion paragraph I of the Report was adopted.

Paragraph 2 was then considered and, after a long discussion, in the course of which several amendments were submitted, it was decided that the debate be adjourned till April 7th, and that the amendments which had been made together with any others submitted before the notice of the adjourned meeting is sent out be placed on the agenda paper, and that non resident members be invited to record their votes by proxy on the proposals and amendments.

Before the meeting adjourned the following miscellaneous business was dealt with:

The following memorandum with regard to the Examiners in History for the B.A. Examination was considered and referred to the Examiners Selection Committee with an instruction to bring a report on the matter at the adjourned meeting.

Memorandum.

As the appointment of the examiners in question has been challenged, the Vice-Chancellor desires that the Council should have an opportunity before the appointments have been gazetted of deciding whether any action should be taken in the matter. Apart from any question as to the qualifications of the two examiners already appointed, it is suggested that it would be well to increase the number of examiners for the Honours work to three, the two Pass papers and two of the Honours papers to be taken by the two examiners already appointed, the two remaining Honours papers to be taken by the additional examiner and the Essay to be taken jointly by the three examiners.

The appointment of a Chairman of the Committee of Examiners in Literature and Philosophy in place of Mr. C. Murray, unable to act, was also referred to the Examiners Selection Committee.

The Vice-Chancellor reported that the Assistant Registrar had been appointed Secretary and Treasurer of the Cape Division School Board, and would therefore vacate his present office at the end of the month.

In connection with the vacancy caused by Mr. Elliott's retirement the Vice-Chancellor's Committee submitted the following recommendations:

- A. That an Assistant Registrar, to take up his duties not later than August 1st, be advertised for at a commencing salary of £500 per annum increasing by £25 per annum to £400.

Result of
discussion.

Memo
re
appointment
of
Examiners
in
Hon. History.

Resignation
of
Assistant
Registrar.

B. That the appointment be left in the hands of the Vice-Chancellor's Committee, and that, pending such appointment, the Registrar be authorized to obtain such extra clerical assistance as may be necessary.

The recommendations were adopted with the substitution of £350 for £300 in A.

On the motion of Professor Walker it was agreed to record the Council's sense of the excellent manner in which the retiring Assistant Registrar had performed his duties during his tenure of office and of the loss which the University would sustain by his departure.

C. Alexander Smith VC

ADJOURNED SPECIAL MEETING.

7th April, 1906.

The Special Meeting adjourned from March 24th was held this day. There were present:

The Vice-Chancellor (in the chair)	
The Pro Vice-Chancellor.	
Professor Beattie.	Hon. J.X. Merriman.
Dr. Beck.	Professor Morrison.
Rev. Dr. Flint.	Professor Notcutt.
Rev. Dr. Gibson.	Professor Ritchie.
Dr. Gregory.	Rev. J.M. Russell.
Rev. Canon Jenkins.	Hon. W.P. Schreiner.
Rev. Dr. Kolbe.	Mr. Adv. Searle.
Professor Logeman.	Professor Viljoen.
Professor Mackenzie.	Professor Walker.
Rev. Professor Marais.	Mr. Whitton.
Professor Martin.	

The Registrar also attended.

The following report of the Examiners Selection Committee was submitted and adopted:

The Committee reports that it has considered the suggestion contained in the memorandum submitted at the Special Meeting on March 24th that there should be three examiners for the B.A. Honours Examination in History and recommends that no extra examiner be appointed.

*Special
7/14/06*

*Report of
Examiners
Selection
Committee*