

I have the honour to bring the following facts to your notice - I am the lecturer in Mathematics at the Pretoria Division of the Transvaal University College. My classes (numbering over 80 students) in geometry for the Intermediate Examination included the whole of the syllabus for 1908. I provided the classes with a large number of copies of the 1908 syllabus. The students concerned and previously observed that the syllabus for 1909 differed in the "A" (compulsory) geometry from the 1908 syllabus. I of course acted as lecturer on the 1909 syllabus.

The students however found that the "A" geometry paper of 1909 was extremely set exactly in accordance with the 1908 syllabus and that an extraordinarily large proportion of the questions related to that syllabus in the paper. Care is taken to differ from the 1909 syllabus. They therefore complained somewhat bitterly and it certainly appears to me that they had good reasons for doing so. Their complaint was more exactly that the syllabus for the 1909 examination was very misleading and that if they had studied from the 1908 syllabus most of them would have obtained high marks (such is also my opinion, as the paper was otherwise not at all hard). They did not complain of the Algebra and Trigonometry questions which (especially the former) do not appear to be open to criticism.

The syllabus of the "B" (optional) geometry being rather long and would naturally expect that (as is customary) a considerable number of the first portions of questions should be taken direct from the syllabus. In this the students were disappointed (some had offered "B" mathematics as a compulsory subject and felt that they had probably failed to pass).

I of course regret the trouble I am causing, but I have no option and must lay the matter before you, partly on account of the apparent injustice to at least the candidates from this College (a few had studied for the 1908 examination and were therefore in a more favourable position as regards the "A") and partly on account of the difficulty of determining a course of lectures to suit the examination of 1910 if the syllabus is so much a guide as it has apparently proved to be this year. The above remarks regarding the variations in Geometry of course have been considered in my customary variation between the questions and the corresponding syllabus in former years.

I would venture to suggest that an unbiased mathematician should be asked to compare the 1909 geometry (not trigonometry) "A" paper with the syllabus of 1908 and then with the syllabus of 1909.

(Sd.) A. Miller.

#### Examiner's Reply.

I received a letter addressed to you by Mr. A. Miller from Pretoria, in which he complains about the Intermediate Paper. In reply to this letter, I should like to make the following remarks:

As regards the Geometry and Trigonometry A, I had previously in mind the conversation we had last year at the end of February. The Council had found it rather unpleasant that so many students had failed on my Geometry. You thought, and I agreed with you that the students were not accustomed to my methods, and that next year it would be better."

In setting the A paper, I remembered that so many students had lost the year before, and took the syllabus together with the paper of that year, to have an easy transition between the new syllabus and the old one as I thought possible.

As regards question I the complaint may be made that it belongs to the Metric syllabus. This is true according to the letter of the syllabus as far as the first part is considered, but not as regards the rider.

The second question has its first part now in the Metric syllabus - the other parts were inserted as analogous questions to some of last year.

Question III is a simple case of Associated circles.

Question IV is a bit more difficult as it is plainly visible from the results.

Question V is entirely according to the syllabus.

Considering the practical results obtained by this paper, I am certain that the great majority of the students will be thankful that the first questions were put in. Questions I, II and III were partly answered with success by nearly all the students. I am extremely sorry that Mr. Miller and his assistants are so disappointed, but in several I think his opinion will not be shared by other teachers.

As a remark in general, I should say that the Intermediate A syllabus is a very vague one.

First of all: Triangles with given angles etc.

Simple cases of associated circles.

Area of triangles, parallelograms etc.

If this is not vague, I do not know what is vague. As regards the questions on properties - they are nearly all the same. A review of the one is only a copy of another - it is hardly possible to set a number of questions on Lines.

As you will see there is a gap between the syllabus of the Metric and the Intermediate, viz. the applications of the theory of similar triangles, and the calculation of special lines in the triangle. Especially on the continent these two chapters are considered most important, and as you will see some of my questions were taken from them.

As regards the B paper, I cannot understand how Mr. Miller can complain about it. In my opinion it is entirely within the syllabus.

It may be remarked that nearly all the propositions mentioned on page 112 of the calendar, referring to areas of similar figures are practically the same and however long the syllabus may appear, all these questions can and should in my opinion be dealt with in about three lectures.

Being to have satisfied you, and being willing to continue the correspondence, if you think it necessary,

I have, etc.  
(Sgd.) J. Heijer.

(A) Intermediate Botany.

In reply to yours of December 30th, I have the honour to send herewith a statement with reference to some questions in this year's Intermediate Botany examination to which I take exception and I shall be glad to be informed in due course what steps have been taken to remedy or refute my statement, and if continued, how it is proposed to remedy the injustice done to the candidates.

I may have to send further statements with reference to other years, but I have not got time before me at present.

(Sgd.) S. Sabinin.

Question V begins, "Describe carefully the structure and life-history of any two parasitic plants." The structure and life-history of not a single parasitic plant is required for the Intermediate Examination, only the general facts of parasitism from a physiological point of view.

Question III includes the following: "What are the conditions upon which the growth of *Sesbania* depends". In this general form the question cannot be answered, and even if restricted to some particular kind of *Sesbania* no precise answer can be given. I say and that I think I know what the examiner is driving at, but he should have made his meaning clear. However, even if I can divine his meaning it is outside the Intermediate Syllabus, or can only at a stretch be squeezed in.

Question II is to my mind also outside the Syllabus. The Intermediate Syllabus requires "the more common conditions which favour the distribution of seeds." According to the question, the candidates are to select five South African plants which possess special contrivances for the distribution of seeds, and to give in each case the general characters of the plants and the order to which they belong. Now the examiner might say, surely they ought to know five plants with special contrivances for seed-dispersal belonging to the orders which they have studied, but then the candidates are only expected to know the diagnostic characters of the orders, and not the general characters of individual plants. That the two are not identical will be at once seen if I mention a few examples such as *Trapa*, and *Trapa* amongst Anacardiaceae, *Sesbania* and *Sida* amongst Compositae, *Asclepias* and also amongst Liliaceae etc. etc.

(Sgd. E. Robinson.)

Examiner's Reply.

Your memorandum of the 29th ultimo.

- I. I am of opinion that question V is reasonable and it is difficult to conceive the possibility of a candidate possessing a general elementary knowledge of parasitism if he is unacquainted with the structure and life-history of two parasitic plants.
- II. I certainly think question III in its present form can be answered and moreover it has been answered by several candidates.
- III. Question II is indisputably in my opinion within the scope of the syllabus. Paragraph (a) emphasizes the necessity for special knowledge regarding the seed distribution of South African plants and in the orders which the candidates are expected to describe, viz. Paragraph (b) there are many plants possessing special mechanism for this purpose.

Further, I might point out that it would appear from the fact that the Moderator passed the questions referred to that this may be accepted as evidence that he regards them as reasonable and appropriate and I venture to think that the views of the Examiner and Moderator are quite as likely to be impartial as those of a teacher who is naturally interested in the failure or success of his own particular pupils.

(Sgd.) I. N. Fole Ness.

I have revised carefully the examination paper in Intermediate botany in view of Professor Schobland's criticism.

Question V. I think the "ventures and life-history of my two parasitic plants" falls well within the scope of the syllabus viz., general facts of parasitism from a physiological point of view.

Question III. The "conditions of the growth of gambier" may mean a great deal or very little. I understood the examiner meant it to be taken in a simple sense and apparently he has got answers to suit his.

Question II. I agree with the examiner's comments on this question.

(Sgd.) J. Gilchrist.

(a) Intermediate Greek.

On behalf of several of my students I should like to know what steps have been taken to credit candidates with extra marks due to them owing to mistakes in the recent Greek paper.

I refer to supplementary question to 4 (b) and to translation of (αἰσθησι) at end of paper.

As regards the piece of Unseen which is quite unfit for young students in view of its subject-matter containing words which even Liddell and Scott do not translate into English I consider that allowance ought to be made for this in the marking because the Greek candidates otherwise suffer as compared e.g. with historians.

The length of the passage and the three words selected for translation below make it positively certain that the examiner intended the passage to begin at (αἰσ) which would give the usual length of piece without obscenity. I can only believe that he used an corrupted edition and was careless in putting down his references and in dealing with the proofs.

The total difference in marks to a root candidate I estimate at at least 20 marks. Whether this affects the class or pass of any student I do not know, but I consider that the Council is bound to take cognizance of the facts.

(Sgd.) A. S. Kidd.

(c) Triculation Greek.

(1) The paper was more difficult than usual in spite of the fact that either Greek or History were - For the first time compulsory subjects.

(2) The jump from School Higher standard to the standard of the paper in question was too great.

(3) All the short sentences were on the conditional (B.4.(1)) - though a knowledge of this construction may rightly be expected - scope ought to have been given to show knowledge of other constructions.

(4) The Phraseology of the prose (B.4.(2)) was difficult of comprehension to boys of metric standard. Though based on their "set" book, the language was not such as they could be expected to know. Moreover the set book was longer than usual and, being philosophical, more difficult for them.

(5) The Unseen (C.4. (b)) was above the usual standard. Its vocabulary was given though a word like (line 6) was unusual. The Com- structions, especially of the last three lines, were for them unusual.

(6) The grammar was very limited - there was nothing on Nouns, adjectives, comparison, pronouns, numerals.

As I explained in my last letter (and as the marks have proved) boys were bound to fail or to lose classes if they took this paper. Further, let me repeat that I feel bound to urge the consid- eration of the matter by the Council as we send a far greater proportion of the matter by the Council as we send a far greater proportion (two-thirds of our total) of Greek candidates than most schools.

(Sgd.) J. F. Fothergill.

- (a) The applicant, who had passed the B.A. Examination in Chemistry and Mathematics with Honours in Geology was excused the First Mining Examination and Mathematics and Geology in the Second Mining Examination,
- (b) The applicant, who had passed the Intermediate Mathematics and Physics and B.A. Geology, Chemistry and Biology was excused the First Mining Examination and Geology in the Second Mining Examination.

Paragraph 1 was noted.

- 2. The Committee has, in terms of the Council's instruction that applications for admission ad eundem statum be considered by it twice annually, fixed the Saturday preceding the meeting of the Council in February and the first Saturday in September as the dates of meeting for this purpose, applications to be lodged with the Registrar on or before the 31st day of the previous month.

Paragraph 2 was noted.

- 3. With reference to the admission of candidates ad eundem statum the Committee has adopted the following resolutions and recommends that the same be formally approved by the Council, viz:

- I. That after 1910 the practice of granting exemption from the Intermediate Examination be discontinued.
- II. That no application for exemption from the Matriculation Examination be considered unless the examination offered as an equivalent thereto (a) includes both Latin and Mathematics and at least two of the other four compulsory Matriculation subjects of this University and (b) is either (1) the entrance examination to, or a higher examination of, a recognised University, or (11) an examination accepted in lieu of one of the foregoing by that University: provided that if such examination does not embrace all six of the compulsory Matriculation subjects of this University the applicant be required either (1) to take the remaining subject or subjects required among his compulsory subjects at the Intermediate Examination or (2) to pass in such remaining subject or subjects at the Matriculation Examination not later than the same year in which he takes his Intermediate Examination.
- III. That the principles embodied in II be applied, as far as possible, in the case of applicants for exemption from the Matriculation Examination (or Senior Certificate Examination as the case may be) with a view to being admitted to the Survey, Mining or B.Sc. in Agriculture Examinations, under the special conditions applying to admission to the said examinations.
- IV. That a Committee be appointed to submit a list of examinations to be recognised by the Council in terms of II and that no examination which embraces fewer compulsory subjects than the Matriculation Examination of this University, be so recognised unless a higher average standard is required of candidates in the subjects actually embraced by such examination.

Paragraph 3 was adopted, with the substitution of the words "to obtain not less than 40 per cent of the maximum marks" for "to pass" in Clause II; on the understanding that the Committee would consider and report further upon the conditions of exemption from Matriculation in the case of applicants who have passed a higher examination of, or are graduates of, another University.

- 4. The Committee reports that it has, in dealing with the applications received by it for admission ad eundem statum, acted in accordance with the principles embodied in resolutions II and III above and has, on this basis, approved of the admission to the examinations specified of the following\* 13 candidates by virtue of the qualifying examinations specified:

<u>Name</u>	<u>Qualifying Examination or Examinations (and Matriculation subjects included).</u>
1. E. M. Allen	London Metric. (Lat., Maths., Eng., Gr., Sci., His.)
2. W. V. Venley	London Metric. & Oxf. & Camb. Joint Bd. Exam. <sup>1</sup> (Lat., Maths., Eng., Fr., Sci., His.)
3. D. C. Jones <sup>2</sup>	London Metric. (Lat., Maths., Eng., Sci., His.)
4. W. N. Law <sup>2</sup>	London Metric. (Lat., Maths., Eng., Sci., His.)
5. A. E. Matthews <sup>2</sup>	London Metric. (Lat., Maths., Eng., Sci., His.)
6. R. J. Pringle	London Metric. (Lat., Maths., Eng., Fr., Sci., His.)
7. J. C. Richards <sup>2</sup>	London Metric. (Lat., Maths., Eng., Gr., His.)
8. T. F. Russell	London Metric. (Lat., Maths., Eng., Fr., Sci., His.)
9. H. G. Veall <sup>2</sup>	London Metric. (Lat., Maths., Eng., Sci., Gr.)
10. J. E. Devlin <sup>3</sup>	R. U. I. Metric. & Sen-Grade Cert. Irish Bd. of Education (Lat., Maths., Eng., Sci., His., Fr.)
11. J. Whyteck <sup>2, 4</sup>	Arts Preliminary Scotch Universities (Lat., Maths., Eng., Sci.)

Notes: <sup>1</sup>This examination is accepted as equivalent to London Metric.

<sup>2</sup>In view of the fact that a Modern Language is compulsory at the Intermediate.

<sup>3</sup>In view of the fact that a Science is compulsory at the Intermediate.

<sup>4</sup>Provided History or Greek of the Matriculation or Intermediate (as a compulsory subject) be taken.

Paragraph 4 was noted.

8. For the information of the Council the names of the candidates whose applications were not approved by the Committee and the examination passed by such candidates are given in the Annexure<sup>2</sup> to this Report.

Paragraph 5 was noted.

20. The following letter from the Afrikaans-Hollandsche Taalvereniging regarding their examinations for the Diploma B.Sc. in Agriculture to be conducted in Dutch as well as English was read and ordered to be recorded.

(Translation.)

The Executive of the A.V. Taal-Vereeniging has the honour to draw the attention of the Council of the University of the Cape of Good Hope to the fact that should the Council of the University resolve upon the framing of the requirements for an examination in agriculture, e.g. the degree of B.Sc. therein, it is of the highest importance to the Dutch speaking people of South Africa that provision should be made that this examination can be taken in the Dutch language also. We respectfully draw the attention of your Council to the excellent scientific works in the Dutch language on agriculture and related subjects. We do not doubt but that your Council can obtain all desired information on the subject from the Department of Agriculture at the Hague - Netherlands - as well as from the directors of the agricultural school of Forestry and Horticulture at Wageningen Netherlands. Requesting you to place this letter before your Council I have etc.

16. 3. 1910

DRAFT SYLLABUS IN GEOLOGY PREPARED BY THE  
FOLLOWING SUB-COMMITTEE, ACTING UNDER INSTRUCTIONS FROM  
THE SCIENCE COMMITTEE:

Prof. Broom, Prof. Fotta, Dr. Rogers, Prof. Schwarz,  
Prof. van der Riet, Prof. R.S. Young, Prof. A. Young, (Con-  
venor).

(Submitted 20th June, 1910.)

INTERMEDIATE SYLLABUS.

(1) Mineralogy.

Composition and chief physical characters of the following minerals: Sulphur, Gold, Silver, Copper; Pyrite, Chalcocopyrite, Chalcocite, Bornite, Galena, Orpiment, Blende Mississippi Flintite, Sphaler, Quartz Chalcopyrite Opal Corundum, Magnetite, Hematite, Limonite Cassiterite, Pyrolusite, Pallasite, Manganoite, Cuprite, Malachite, Azurite, Calcite Dolomite Siderite Magnesite Barite Cyprian Asphurite, Halite, Fluorite Kite, Orthoclase and Plagioclase Feldspar, Muscovite, Biotite, Amphibole, Hornblende, Tourmaline, Olivine, Garnet, Epidote, Serpentine.

(2) Petrology.

Composition structure and mode of origin of the chief types of sedimentary and metamorphic rocks - Sandstones, Breccias, Conglomerates, Mafstones, Shales, Coals, Limestones, Marbles, Slates, Quartzites, Schists, Gneisses.

Characters and mineral composition of the igneous rocks Granite, Gneiss, Diorite, Gabbro, Quartz porphyry, Syenite, Dolerite, Basalt, Pitchstone, Obsidian, Tuffs and Agglomerates.

(A knowledge of microscopic petrology will not be expected.)

(3) Physical Geology.

The geological action of the atmosphere, rain, rivers, glaciers, ocean, underground water, lakes, ice, animals and plants with special reference to South African examples. The weathering of rocks, general products of weathering and the formation of soil. Deposition on land and under water and consolidation of sediments into rocks. Applications to South African conditions.

Volcanic Activity and its geological results. Geographical and geological distribution of volcanoes.

Evidence of elevation and subsidence of land.



**(4) Structural Geology.**

Structures peculiar to sedimentary igneous and schistose rocks. Structures shown by rock masses. Faults and their effects on the outcrops of beds. General structure of mountain chains. Effect of denudation on various geological structures. Influence of Geological structure on topography of a country with special reference to South African types of topography.

**(5) Historical Geology.**

Conditions necessary for the preservation of fossils. Use of fossils. Classification of Strata into Systems. General lithological nature and chronological succession of the following South African Systems:

Archaean, Witwatersrand, Ventersdorp, Transvaal, Cape, Karroo, Cretaceous.

General nature of the fossil contents of the Cape, Karroo and Cretaceous systems. Comparison with the European Classification and succession.

General features of the Palaeozoic, Mesozoic and Cenozoic faunas and floras of the world.

**(6) Practical Examination.**

Recognition of hand specimens of rocks and minerals specified in paragraphs (1) and (3).

(Note by Dr. Rogers:

**Intermediate Geology.**

I think candidates should be expected to know something of South African Geology. If they cannot be expected to know as much about the South African formations as they are of the European I would leave out stratigraphy altogether, introducing it at a stage when the students have sufficient time.

My objection to the present syllabus is founded on the belief that a student must find great difficulty in understanding a system of classification of stratified rocks which he is not taught to apply to the country he lives in.)

**B.A. PASS SYLLABUS.****First Paper.**

- (1) **Crystallography.** Mode of formation and occurrence of crystals. General properties of crystals. Characters of the six crystal systems. Rhombohedral and hexagonal forms. Twins. Isomorphism and polymorphism. Pseudomorphs. Use of Miller's method of crystal notation.



- (2) **Mineralogy.** The general characters of minerals. Modes of occurrence and aggregation of minerals. Physical properties of minerals. Application of optical properties to the determination of the common rock forming minerals in thin section under the microscope.  
Chemical composition, descriptive and determinative characters of principal rock forming minerals, ores, and precious minerals.

(3) **Petrology.**

**Derivative Rocks.** Their general characters and mode of origin. Description of the following rocks:- Sandstone, conglomeration, breccia, shale, sandstone, limestone, coal, gravel, sands, loess, till, tillite, the superficial rocks of South Africa.

**Igneous Rocks.** Their geological occurrence and structure as extrusions and intrusions. Mineralogical and chemical classification. Textural varieties porphyritic, granitic, gneiss, ophitic, vitreous. Characters of the following rocks: granite, quartz porphyry, rhyolite, obsidian, pitchstone, syenite, orthoclase porphyry, trachyte, diorite andesite, gabbro, norite, scoria, basalt, tachylite, kimberlite. Tuffs and volcanic breccias.

Magmatic differentiation. Normal order of reaction of minerals in a consolidating magma. Contact phenomena due to igneous intrusions.

**Metamorphic Rocks.** Schistose and granular classes. Their mode of occurrence. Minerals especially characteristic of metamorphic rocks. Distinctive characters of the following rock types:- Quartzite (including magmatic and other ferruginous quartzites), slate, phyllite, mica schist, gneiss, hornblende schist, chlorite schist, eclogite, granulite, marble.

Theories as to the origin of the various metamorphic rocks.

**Second Paper.**

- (1) **Physical Geology.** The geological action of the atmosphere rain, rivers, lakes, underground waters, ice, the sea, animals and plants.

The weathering of rocks, general products of weathering, and the formation of soil.

Volcanic activity and its geological results. Geological and geographical distribution of volcanoes.

Earthquakes. Movements of elevation and subsidence.

- (2) **Structural Geology.** Structures peculiar to sedimentary igneous and metamorphic rocks. Structures of rock masses. Faults and their effects on the outcrops of beds. Structures of mountain chains. Effects of denudation on various structures. Influence of geological structure on the scenery of a country.

- (5) **Historical Geology.** General principles of stratigraphy. Main features of the various geological systems with the general characteristics of their faunas and floras. The bearing of paleontology on the theory of evolution.
- Geology of South Africa.** General geological structure of South Africa. The Malmsbury, Keis, Kralpaan, and Swaziland schist series. The Witwatersrand System, the Ventersdorp or Vaal River System, Transvaal or Potchefstroom System; Waterberg and Limpopo formations. Cape System, Karoo System, Cango System and Tertiary rocks of Pondoland and Natal. The Pre Cape igneous intrusions and Karoo dolerites. Diamondiferous and related pipes. Superficial or Recent formations.
- (A knowledge of the sub-divisions of the systems as existing in the Northern Hemisphere will not be expected.)

#### Practical Examination.

- (1) **Crystallography and Mineralogy.** Recognition of the various forms and simpler combinations occurring on the minerals above specified and determination of specimens of the minerals by means of physical characters and blowpipe tests.
- (2) **Petrology.** Description of typical hand-specimens of the rocks above specified.
- Description of the mineral composition and structure of typical thin sections of the common rocks.
- (3) **Geology and Palaeontology.** Description of common South African fossils. Section drawing from simple geological maps.

(All microscopic thin sections set in the examination will be accompanied by hard specimens of the same rocks.)

The following books of reference may be used during determination of minerals and during microscopic work:-

- I. Weisbach's Tables for Determination of Minerals or the English edition of the same by Fraser.
- II. Lequeur's "Minerals in Rock Sections".)

#### FOURTH SEMESTER.

##### Physical Geology.

- (1) **Geology.** The origin and development of surface features; the evolution of mountain chains and the attendant phenomena; the development of river systems; theories as to the origin and development of the continental and oceanic areas. The general bearing of geology on physical geography. Geology and agriculture.
- (2) **Petrology.** The development of modern petrology and acquaintance with the methods adopted in its study. Knowledge of the following rock types in addition to those mentioned in the Pass syllabus:- Gneiss, Amphibole, Hornblende, Epidote, Quartzite, Sillite, Amphibole, Hornblende Basalt, Leucite and Nepheline Basalt, Peridotites and Serpentine Rocks, "Serpentine" Chert, Olivine, Andalusite and Cordierite Schists, Olivine Schist.

- (2) **Stratigraphy.** The principles of stratigraphy and history of their development. South African stratigraphy and correlation of South African formations with those of other parts of the world.

**Second Paper.**

Alternative papers will be set in:

- A Mineralogy
- B Palaeontology.

**Third Paper.** Important papers and reports on South African and general geology. A list of literature prescribed will be drawn up each year and issued to applicants.

The paper will consist of six questions or subjects to be treated in essay form. Each candidate will be required to confine himself to two of the six subjects.

**Practical Examination. (two days.)**

- (a) **Stratigraphy.** Map reading. Section drawing and description of area represented on geological map.
- (b) **Petrology.** Description of mineral composition and structure of hand-specimens and thin sections of rocks enumerated in syllabus above.
- (c) **Mineralogy.** Description and determination of mineral specimens. (The names of mineral species is indicated in the alternative mineralogy syllabus.)

**OR alternative**

- (c) **Palaeontology.** Description and determination of the fossil genera enumerated in the alternative Palaeontology syllabus.

(Each microscopic thin section set in the examination will be accompanied by a hand specimen of the same rock. During determination of minerals and microscopic work the following books of reference may be used in addition to those mentioned for the Paper examination:-

Hoschbruch's "Mikroskopische Physiognomie" or its English equivalent by Idings.

Fairfield and Brush "Determinative Mineralogy".)

ALTERNATIVE SUBJECT SYLLABUS

A. Mineralogy.

Characteristics of Crystalline Matter. Directional properties. Law of Rational Intercepts. Zones and Symmetry of Crystals. Method of representation of Faces and symmetry of crystals by stereographic projection. Classification of crystals according to symmetry (Thirty two classes). Staking Figures. Virtual Axes. Oscillatory combinations.

Chemical and Crystallographic classification of minerals. The Chemical composition and physical properties of the following minerals with a general knowledge of their modes of occurrence and common associations.

**Elements:-** Diamond, Graphite, Sulphur, Arsenic, Antimony, Bismuth, Gold, Mercury.

**Halides:-** Fluorite, Halite, Sylvite, Salammoniac, Serargyrite, Cryolite.

**Sulphides:-** Galena, Argentite, Wende, Millerite, Wiccolite, Copper glance, Chalcocite.

**Oxides:-** Pyrite, Sphalerite, Cobaltite, Marcasite, Magnetite.

**Semi-Sulphides:-** Stibnite, Bismuthite, Orpiment.

**Sulpho-Sulphides:-** Chalcocyanite, Troscoite, Pyrochroite.

**Sulpho-Antimonides etc:-** Tetrahedrite, Tennantite, Stephanite, Pyrochroite, Proustite, Bourcenoite.

**Nitrides:-** Cyanite, Stellite.

**Carbonates:-** Cerussite, Malachite, Lincolite, Malachite, Feilowellane, Turquoise.

**Silicates:-** Cassiterite, Rutile, Anatas, Pyrolusite, Quartz, Chalcedony, Tridymite, Opal.

**Aluminates etc:-** Spinel Group, Chrysoberyl.

**Borates:-** Boraxite, Borax.

**Phosphates:-** Calcite, Dolomite, Magnesite, Siderite, Galamine, Rhodochrosite, Aragonite, Witherite, Strontianite, Cerussite, Auriferite, Malachite.

**Silicates and Titanates:**- Olivine Group, Pyroxene Group, Amphibole Group, Ilmenite, Titanite, Hemimorphite, Talc, Serpentine, Actinolite, Topas, Andalusite, Oynite, Leucite, Nepheline, Sodalite Group.  
 The Feldspar Group (Orthoclase, Microcline, Anorthoclase, Albite, Oligoclase, Andesine, Labradorite, Bytownite, Anorthite).  
 The Micas, Tourmaline, Stilbite, Nepheline, Analcite, Natrolite, Epidote, Vesuvianite, Prehnite, Axinite, Staurolite, Chlorite, Beryl. The Garnet group, Siroon.

**Fluorides etc:**- Apatite, Fluorapatite, Ilmenite, Vanadinite, Vivianite, Drydenite, Wavellite, Turquoise, Topazite.

**Sulphates:**- Barite, Celestite, Anglesite, Anhydrite, Gypsum.  
**Tungstates:**- Scheelite, Wolframite.

The optical properties used in determination of the following minerals under the microscope (including methods of determining optical sign, and the Debye method of determining relative refractive index):- Opal, Pyrites, Magnetite, Garnet, Haematite, Ilmenite, Corundum, Quartz, Calcite, Dolomite, Apatite, Lepidolite, Tourmaline, Andalusite, Millonite, Topas, Orthorhombic Pyroxene, Olivine, Cordierite, Monoclinic Pyroxene, Amphiboles, Micas, Chlorites, Epidote, Titanite, The Feldspars, Serpentine.

Optical and Microchemical methods of discriminating the various crystalline feldspars.

ALTERNATIVE SUBJECTS FOR STUDY.

1. Palaeontology.

The general structure, principles of classification, and geological distribution of the following groups of fossils, with special reference to the genera named:

Protozoa Foraminifera (Globulinerina, Ammonites) Radiolaria, Porifera

Coelenterata Hydroids, - Siphonophoroides, Obololiteoides (Cladocentrus, Diadema, Cladocentrus)

Arthropoda, - Alcyonaria (Favosites, Halysites, Halysites) Eozonaria (Oyathophyllum, Lithostrotium, Calceola)

Phlebobranchia Graptolites Cystolites Diatomeles Cyatholites Asterolites Echinolites (Sideris, Hemisider)

Tracheopoda Inarticulate (Limulus, Graptolites) Articulate (Fossilifer, Graptolites, Stromboceras, Graptolites, Graptolites, Graptolites, Graptolites)

Polysca

- Mollusca Lamellibranchiata (Gemma, Arca, Mytilus, Pecten, Cardium,  
 Trochus, Uniona, Venus, Tellina, Modiola,  
 Solen, Anomia, Nuxaloia)
- Gastropoda (Planorbis, Helicospira, Limnaea,  
 Succinea, Planorbis, Lymnaea)
- Cephalopoda Tetra (Sepioida, Nautilus, Nautilus, Sepiopsis,  
 Sepia, Loligo, Nautilus, Nautilus,  
 Nautilus, Nautilus, Nautilus)
- Arthropoda Crustacea Phyllopora (Hyphura)  
 Trilobita (Limulus, Scudina, Limulus, Triopha,  
 Limulus, Limulus)  
 Arachnida Euryptera  
 Scorpionida
- Vertebrata Pisces Osteichthyes (Chondrichthyes, Myxinozoa)  
 Placodermi (Diplolepis, Cladodus)  
 Dipnoi (Diplolepis)  
 Ganoidi, Xiphosomata (Xiphosomata)  
 Chondrichthyes (Chondrichthyes)  
 Lepidosteus (Lepidosteus)  
 Teleostei.  
 Anchoa, Stenopoma (Stenopoma)  
 Leprilla Cetylura (Cetylura, Cetylura)  
 Anchoa (Anchoa)  
 Cynodontia (Cynodontia)  
 Mesozoa (Mesozoa)  
 Crocodilia  
 Dinosaoria (Dinosaoria)  
 Ichthyosaoria  
 Plesiosaoria  
 Chelonis.
- Aves Scapulae (Archaeopteryx)  
 Dactylis  
 Carinatae
- Mammalia Multituberculata (Tribolodon)  
 Epiplata  
 Trogilata Perissodactyla (Mammalia)  
 Proboscidea (Proboscidea)  
 Sirenia  
 Carnivora (Carnivora)  
 Primates Lemniscata (Lemniscata)  
 Anthropoidea (Anthropoidea)

Fossiliferous.

Evidence afforded by fossil plants as to past climates. The conditions under which plants become preserved in rocks. The theories of the formation of coal and allied rocks. Fossils of disputed origin, such as Gleichenia and Spiranthus.

The structure, distribution and (when it is of importance) bearing on the evolution of existing classes of plants, of the following groups, with special reference to the genera named.

Schizophyta		<u>Strymonella</u>	
Algae		<u>Lithothamnium</u>	
Charophyta		<u>Chara</u>	
Phanerogamia			
	<u>Equisetales</u>	<u>Equisetites</u>	
		<u>Phyllocladus</u>	
		<u>Salvestrobus</u>	
		<u>Calamites</u>	
		<u>Schizoneura</u>	
	<u>Sphenophyllales</u>	<u>Sphenophyllum</u>	
		<u>Chaetochloa</u>	
	<u>Filicales</u>	<u>Sphaerostoma</u>	<u>Schizostoma</u>
		<u>Sphaerostoma</u>	<u>Sphaerostoma</u>
		<u>Psaronius</u>	<u>Psaronius</u>
		<u>Smilaxites</u>	<u>Smilaxites</u>
		<u>Gleichenia</u>	
		<u>Psaronius</u>	<u>Psaronius</u>
		<u>Callistopteridium</u>	<u>Callistopteridium</u>
		<u>Dawsonia</u>	



Cycadofilices	Althosteria	Calamostiza
	Heterosporium	Lyriodendron
Lycopodiales	Medullosa	Lepidodendron
	Lepidodendron	Lepidostrobus
	Sigillaria	Stemaria
	Sphenodendron	Lepidostrobus
Cycadophyta	Sphenochilum	Stenostrobus
	Zamiites	
	Cycadolepis	
	Stenostrobus	
	Silvanites	
	Saccolites	
Ginkgoales	Ginkgo	
	Sphenochilum	
Gordaitales	Gordaites (Hesperathium)	
Coniferales	Sphenodendron	
	Sitkinites	
	Araucarites	

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26 The following motion by Professor Ritchie was adopted:

"That all words after the word "year" in section 2 of the Regulations for the Degree of B.A. be deleted."

N.E. Regulation 2 is as follows (see Calendar 1910-11 page 102)

Candidates may present themselves for examination in the following departments:-

- I. Literature and Philosophy. (II. Science.  
III. Literature (and Philosophy) and Science combined;

but no candidate will be permitted to enter for more than one department in the same year, or to enter for a subsequent examination in a department in which he has already passed.

(The words underlined are those which it is proposed to delete.)

27. The following motion, moved by Dr. Hunt in the absence of Professor Marais, was referred to the Divinity Committee for report:

"That in and after 1911 the examinations for the degree of B.D. be held in June instead of December."

28. The following motion by Dr. Campbell was rejected:

"That the rule requiring candidates for the Survey Examination to have passed the Matriculation Examination be suspended in the case of Ms. Sigurd Sivertson."

29. The following motion, moved by the Vice-Chancellor in the absence of Mr. Justice Searle, was adopted:

"That the Vice-Chancellor's Committee be asked to report to the next Council meeting as to whether any improvement can be made in the procedure at Degree Day functions, and, if so, to submit recommendations for the conduct of proceedings in future."

30. The following motion by Professor Beattie was adopted:

"That the Literature and Science Committees be informed of the decisions recorded by the Council in regard to all resolutions forwarded to the Council by the said Committees."

31. The following motions were referred to the Literature and Science Committees for report:

(a) By Prof. Beattie:

(1) That in and after 1911 candidates for the B.A. Examination in the Department of Science be required to pass in four subjects instead of three.

(11) That in and after 1911 Part II of the M.A. Examinations be held in September.

(b) By Prof. Schönland:

That in selected courses of the B.A. mixed degree candidates will in future be allowed to take Honours, and that the Examinations Committee be instructed to submit such courses to the next meeting of Council.

## (c) By Prof. Notcutt:

That candidates for the degree of Bachelor of Arts be allowed to present themselves for examination in certain of their subjects (not exceeding three in Literature or two in Sciences) in the year preceding that of their final examination; and that they be considered to have passed in these subjects provided that they obtain one-fourth of the marks in each subject and two-fifths of the aggregate of the marks in the subjects which they offer for examination.

## 10. The following Memorandum was submitted by the Registrar:

## REGISTRAR'S MEMORANDUM.

## 1. Statistical Table of Entries for Examination.

The following table shows the number of candidates registered for the June Law and Written Music Examinations.

Law Certificate	Cape of Good Hope	43
	Transvaal	9
	Orange Free State	8
	Natal	4
G.E. Lower Law	Cape of Good Hope	35
	Transvaal	12
	Orange Free State	1
Music	Preliminary	1462
	Lower Harmony	378
	Higher Harmony	262
	Intermediate Harmony	168
	Advanced Harmony	155
	Counterpoint	27
	Teachers' Piano	17
	Teachers' Singing	1

Paragraph 1 was noted.

## 2. Appointment of Special Committee to act on behalf of the Council in connection with the publication of the June Law Examination Lists.

It is suggested that the Special Committee appointed to act in connection with the Examination Lists for 1909 (viz: Mr. Bender, Dr. Pilot, Prof. Hahn, Dr. Juritz, Prof. Martin, Mr. Justice Searle and Mr. Whitten) should be empowered to deal with the June Law Examination results also.

Paragraph 2 was adopted.

## 3. Fee for Examiners at B.D. Examinations.

It is suggested that the B.D. Examiners should be remunerated on the same scale as B.A. Examiners.

Paragraph 3 was adopted.

## 4. Use of Note Books at Practical Chemistry Examinations.

(a) It has been brought to the Registrar's notice that the omission from the new Intermediate Practical Chemistry Syllabus (see Calendar 1910-11, p. 86) of the note "Notes and Books of Reference may be used" was apparently an oversight at the time on the part of the Science Committee and it is suggested that the omission should now be rectified, and notification made to the Colleges.

Paragraph 4 (a) was adopted.



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(b) The question has been raised whether in the note to the new B.A. Pass Practical Chemistry Syllabus (see Calendar 1910-11, p. 130) the phrase "Text-books and note-books on analysis may be used" means that the text-books to be used must be books on analysis only.

In reference to Paragraph 4 (b) it was resolved to insert a comma between the words "Text Books" and "and".

In this connection it was resolved that in future information should be given in the reprints of Examination papers in the Calendar as to the various substances set in the Practical Examinations in Chemistry, Zoology and Botany.

5. Intermediate Mathematics Papers.

In the absence of any direction on the point in the Calendar it has been arranged with the Examiners in Mathematics under the new Intermediate Syllabus (see Calendar 1910-11, p. 90) that that subject should be divided between the two papers to be set as follows:-

First Paper	one third Geometry	two thirds Algebra
Second Paper	one third Geometry	two thirds Trigonometry

It is submitted that this arrangement should be permanently adopted and the Colleges notified accordingly.

Paragraph 5 was adopted.

6. B.A. Honours Examination (Science).. Additional Regulations to come into force in 1912.

The question is submitted whether B.A. Honours Science candidates who, in terms of the new regulations to come into force in 1912 (see Calendar 1909-10, p. 199), may be required to take an additional Intermediate science are to be charged any fee for their examination in such subject.

In reference to Paragraph 6 it was resolved that no fee should be charged in such cases.

7. Minute Secretaries for Literature and Science Committees.

In 1908 and 1909 the Vice-Chancellor nominated a member of each of the above Committees to act as Minute Secretary and a small honorarium was paid for their services. It is submitted that it would be well for the Council formally to appoint a Minute Secretary (in addition to the Chairman and Vice-Chairman) for these two Committees during the Committees' term of office and that the Finance Committee should be instructed to fix a suitable honorarium.

Paragraph 7 was adopted; the first appointments to be left in the hands of the Vice-Chancellor.

8. Appointment of Assessor Members from Natal University College.

It is suggested that the names of the Professors appointed to Chairs at the Natal University College should be added to the Literature and Science Committees as Assessor Members provisionally, subject to the Natal Education Department agreeing to defray their railway fares should they attend the forthcoming meetings of the Committee, as is done at present by the Transvaal and Orange Free State Education Departments.

Paragraph 8 was adopted.

9. Value of Junior Certificate Bursaries.

As there will be no order of merit under the new scheme for the Junior Certificate Examination after the present year, it will be necessary to make all the Bursaries awarded of equal value instead of there being Major and Minor Bursaries as at present. It is suggested that the value of all the Bursaries be fixed at £12 instead of £15 and £10 respectively.

Paragraph 9 was adopted.

## 10. Cancellation of Chancellor's Visit.

As the Chancellor will not be able to visit South Africa to open the Union Parliament some modification will be required in the proposed celebration of his visit by the University. It will be too late to submit the matter again to the Council at the September meeting and it is suggested that under the circumstances the usual members of the Committee which drew up the programme already approved by the Council be empowered to revise that programme as may be deemed expedient.

Paragraph 10 was adopted.

## 11. King Edward Memorial Research Fund.

When the Government of the Cape of Good Hope was considering in the year 1903 some suitable means of commemorating the reign of Queen Victoria it was decided on representations made by the University to found a Queen Victoria Scholarship Fund, and an Act was passed referring the University with the sum of £900 per annum for the purpose of awarding annually two scholarships of the value of £200 taxable for three years.

It is submitted that it would be a fitting memorial to His late Majesty King Edward VII if the Union Government would introduce a Bill, setting apart a sum of not less, say, than £1000 per annum for the University as a King Edward Memorial Research Fund, for the establishment of Research Fellowships or payment of monetary grants in aid of Research Work in South Africa, in view of the importance of placing the University in a position to encourage students in South Africa to prosecute original work of this nature.

Paragraph 11 was adopted, the matter to be introduced to the Minister of the Department appointed under Item No 12 (3).

## 12. Reorganisation of Literature and Science Committees.

The combined literature and Science Committees now consist of about 120 members each with the prospect of further additions owing to the opening of the Natal University College and the establishment of new Chairs at other Colleges.

It is suggested that too time has been taken when the work of the Committees might with advantage be distributed among a number of distinct Boards of Study or Faculties. These Faculties might meet annually at the different College centres (as under the existing scheme for the Committees) and might each devote a proportion of their number to meet in Cape Town later in the year as the University Senate to make final recommendations upon the proposals sent up by the different Faculties, for consideration by the Council.

Under such a scheme more time would be available for the members of each Faculty for the discussion of proposals and the Senate would be of more manageable size and better adapted for effective work than the present unwieldy Committee.

If the Council concurs in this view the details of the scheme might be referred to a Special Committee for report to the next meeting of Council.

Paragraph 12 was adopted, with the substitution of the words "The Literature and Science Committee" in place of "Special Committee."

## 13. The names of study submitted by the international scholars of 1911 were approved.

## (1) D. Hillis - Queen Victoria Scholar.

For the information of the University Council I beg to state that I intend to take the B.Sc. degree of the University of London, studying most probably at one of the following institutions: University College, Royal College of Science, or the City and Guilds of London Institute.

I intend to leave in September so as to take up my studies at the commencement of the academic year.

## (2) F. Stein - Ebdon Scholar.

I beg to state that it is my intention to proceed to Oriel College, Cambridge and work for the mathematical Tripos.



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24. The following additional Assessor Members were appointed on the Literature and Science Committees respectively, 1923.

Literature Committee: Prof. T. H. Le Roux (Transvaal University College)

Miss M. V. Williams (Huygenot College)

Science Committee: Dr. L. C. de Villiers (Transvaal University College)

Mr. H. A. Wager (do. do.)

Miss W. Judson (Huygenot College)

Prof. Goddard (Victoria College)

35. The subjoined letter from the Principal of the School for the Blind, Worcester, in reference to the issue of examination music for blind candidates was referred to the Music Committee for disposal.

I have the honour to forward to you for transmission to the Associated Board, enclosed letter of even date, on a matter of great importance to the pupils of the Music Branch of our Institute.

We shall be greatly obliged to you if you would give the points raised your kind consideration and if possible support our request. I beg to enclose a copy of the letter should you be disposed to file the same for reference.

Trusting that a satisfactory arrangement may be arrived at.

Enclosure.

The Secretary of the Associated Board  
of the R.A.M. & R.C.M., London.

Sir,

We understand that in future South Africa is to receive its own Examination Lists early in the year in which they will be used.

Admirable as this arrangement will be under ordinary circumstances, it would practically exclude our blind candidates from the examinations, unless proper provision can be made to place them on a somewhat equal footing with the sighted.

Such lists as are needed must be transcribed into Braille and even after the Braille copy is to hand, it has to be copied by the pupil before he can start working at his list.

Hitherto our Music master, Mr. Harry Greenwood, selected from the published lists such as were needed for the candidates of the year, and had these transcribed by the British and Foreign Blind Association. Even then the copy would come to hand months after most of the sighted candidates had started working at their lists.

Two ways seem to suggest themselves to remove a decided hardship under the altered circumstances;

(1) That Mr. Greenwood, whose integrity cannot be doubted, be supplied with an advance copy of the prescribed lists or their contents, as early in November as possible, to make his accustomed choice and to order the transcriptions needed from the B. & F.B.A.; Mr. Greenwood being bound over to observe the strictest secrecy with regard to their contents.

An alternative course would be:

(2) That the Secretary General of the B. & F.B.A. on similar conditions, be supplied with those lists and cause the same to be transcribed in London ready for transmission to the Cape, on a date to be fixed by your Board, so that the Braille copies might reach us at the time the printed lists are published here.

This latter course would involve the transcription of all the lists for Piano and Organ whether needed for the blind pupils or not, and entail heavier expenditure.

Yet, unless your Board could see fit to adopt either of those suggestions our blind pupils would be cut off from the privilege of entering for any future examinations, which would be a great and very serious handicap to them.

Trusting that this matter shall have the serious consideration of your Esteemed Board,

I remain, etc.  
(Sgd.) M. J. Besselaar.

June 1910

- 36. A letter from a candidate for the B.A. Examination in 1911 in Department III, enquiring whether he might take Economics as one of his subjects was referred to the Literature and Science Committee for report.
- 37. ~~The following~~ <sup>A</sup> letter from the Under Secretary for the Interior (Under Col. Sec'y J. on the subject of the proposed international interchange of students was held over for consideration at the next meeting.
- 38. In reference to a letter from the Principal of the Grassie Reinet College (subjoined) it was resolved that a candidate for the Senior Certificate Examination could not be allowed credit for subjects in <sup>which he had</sup> previously passed in the Matriculation Examination.

Several pupils have asked me whether it would be possible to get credit for subjects passed in Matriculation, when proceeding the subsequent year to the School Leaving Certificate - I mean, if a boy fails in Matriculation, can he be credited with the subjects he has passed in, if he takes the School Leaving Certificate the following year? He would then be able to concentrate on those new subjects, after having given up hope of passing the Matriculation Test. I understand that some effort is being made to induce the University to credit candidates with subjects passed, and I should be glad to know if the concession will apply in the particular case I have mentioned.

- 39. A letter was read from the Minister of Education consenting to the proposal to invite three delegates from the South African College to attend the Conference referred to in Item 6 above. The following members were then appointed to represent the University at the Conference: Professor Mackenzie, Professor Martin, Professor Schönland.

L. Abner Smith



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19<sup>th</sup> September, 1910.

1. The ordinary Quarterly Meeting of the Council was held on the above date.

2. The following members were present.

The Vice-Chancellor (in the chair.)

The Pro Vice-Chancellor:

Prof. Beattie	Dr. Juritz	Mr. Mudie
Dr. Beck	Prof. Knothe	Prof. Nuttall
Rev. Mr. Bender	Dr. Macfadyen	Prof. Pearson
Sir John Buchanan	Prof. Mackenzie	Prof. Ritchie
Rev. Dr. Hunt	Rev. Mr. Mahan	Prof. Schönlank
Prof. Hearn	Prof. Martin	Dr. Vigors
Rev. Dr. Jenkins	Prof. Morrison	Mr. Whitton.

The Registrar and the Secretary to the Registrar were also present.

3. The Minutes of the last Meeting which had been previously circulated among the members, were taken as read and were confirmed.

4. The Vice-Chancellor formally welcomed Professor Knothe on his appointment as a Member of the Council.

5. Letters were read from

(a) the Local Branch of the British Medical Association, thanking the Council for housing the Pathological Museum formerly belonging to the Government of the Cape Colony.

(b) Dr. Dardy, regretting that he had been unable to represent the University at the International Zoological Congress at Graz.

6. It was resolved to accept an invitation to the Council to send representatives to the Imperial University Congress to be held in London in June, 1912, and to request, in connection with a suggestion in the letter of invitation, that the University should be represented by seven delegates.

7. It was resolved to confirm the new scheme (attached) for the Matriculation and University Senior Certificate Examinations, to come into force in 1912, which was adopted at the last meeting.

8. With reference to the resolution passed at the last meeting amending Regulation No. 2. for the B.A. Examination, it was resolved to hold over the confirmation of the Regulation pending a report by the Examinations Committee on paragraph 6 of the Registrar's Memorandum (item No. 22).

September 1910



9. It was resolved to refer the attached letter from the Under Secretary for the Interior on the subject of the proposed international interchange of students to the Examinations Committee for report.

10. The following Report of the Vice-Chancellor's Committee was submitted by the Vice-Chancellor

**REPORT OF THE VICE-CHANCELLOR'S COMMITTEE.**

(The Vice-Chancellor)

(Submitted 19th September, 1910)

A. The Committee reports that it has dealt with the following urgent matters on behalf of the Council:

(1) Nomination of Prof. G. Knothe Ph.D., as a member of the Council.

The Committee endorsed the nomination of Prof. Knothe as a member of the Council for the Orange Free State in the room of Dr. Brill resigned.

Clause (1) of Paragraph A was noted.



(2) Conference on Practical Survey Examinations.

The Committee accepted an invitation from the Minister of Education (See Annexure A\*) to join in a Conference with representatives of the Lands Department with a view to the University taking over the Practical Survey Examinations hitherto conducted by the Surveyors General; The appointment of the University delegates being left to the Council to deal with.

Clause (2) of Paragraph A was noted: and it was resolved to appoint the Vice-Chancellor, Prof. Battie and Prof. Morrison to represent the University.

(3) Special subject selected by candidate for M.A. (Part II) Examination in History.

The Committee approved of the selection of the following subject, viz: "The History of Industry, Trade and Trade Unionism in England." (See Calendar p. 162. Dept. IV (8)).

(4) Appointment of examiners for First B.Sc. Examination in Agriculture (September Examination).

On the recommendation of the Examinations Committee the Committee approved of the following appointments:

Mathematics	Professors Kent and Mackenzie
Physics	Professors Morrison and Sutton
Chemistry	Professor Martin and Dr. Juritz
Botany	Professor Pearson & Miss A.V. Duthie B.A.
Zoology	Professors Gilchrist and Goddard.

(5) Appointment of additional assessor members of Literature Committee.

The Committee has approved of the following additional appointments:

Professors G. Knothe Ph.D. & D.F. Malherbe B.A. (Grey University College, Elsenfontein)  
 Dr. R. Fruin (Rhodes University College, Grahamstown).

Clauses (3) (4) and (5) of Paragraph A were noted.



Item No. 9.

LETTER FROM THE UNDER SECRETARY FOR THE INTERIOR

(Under Colonial Secretary) ON THE SUBJECT OF THE PROPOSED INTERNATIONAL INTERCHANGE OF STUDENTS.

In forwarding herewith copy of a communication, with annexures, which has been received in this Office from the Agent General for this Colony in London, on the above subject, I am directed to state that the Colonial Secretary will be glad if you will place the papers before your Council for consideration, and in due course favour him with a report on the proposals made by the Society for the International Interchange of Students.

Enclosure from the Cape Agent General, with Annexure.

I have the honour to submit for your consideration certain proposals which have been laid before me regarding a movement which has recently been set on foot under influential auspices for an international exchange of students with the object of popularising educational travel among the various peoples of the English speaking world.

At an interview which Mr. Henry Grees, the Honorary Secretary, had with me recently I informed him that, although I was prepared to lay before you any information with regard to the movement which he might supply, I was doubtful whether any action could be taken by the Colonial Government at the present time, although I was sure that the objects of the movement would be viewed with very considerable interest.

In a further letter from Mr. Grees, subsequently received, he has formulated the proposals of the Organisation so far as South Africa is concerned and has supplied additional information as to the general scope of the movement. I gather that in the first instance it is not contemplated that the South African Government should do more than facilitate the development of the scheme by rendering official assistance to accredited students in the way of supplying information and introductions to leaders of industry and other Authorities.

If any recognition can be accorded to the movement or any agreement come to by the University Authorities which would recognise any time spent on a scholarship tour towards a degree course, you will perhaps be good enough to authorise me to inform Mr. Grees accordingly.

Annexure.

The movement for the International Interchange of Students was recently started with the object of popularising educational travel between the various peoples of the English-speaking world (and eventually perhaps extending that work to foreign countries also).

The chief work of the scheme is to be carried out partly by the provision of travelling scholarships for University men; partly by offering exceptional facilities for travel to general students paying their own expenses.

Owing

Owing to the lack of funds it was proposed to appeal for enough money to carry on the work for an experimental period of three years. It is now hoped that endowments may be forthcoming to put the venture on a surer basis.

At present economic considerations have necessitated various limitations of the whole plan. But the comparative proximity of Canada, apart from her importance and interest, made it possible to arrange a tour that could be completed within the limits of the long vacation, thus obviating one great difficulty - interference with the academic course at home. The preliminary scholarships, therefore, are to provide a ten weeks' tour through Canada returning via the U.S.A. A carefully planned programme will give as intimately as possible in that time a sound and general view of the representative features of interest in administrative, educational, industrial and social life.

Conversely Canadian and American scholars will travel on a similar tour through the United Kingdom.

Greater distances make it impossible to arrange scholarships on exactly similar lines for the other divisions of the Empire.

Such an educational tour to and through South Africa could not be well completed within a few months' vacation.

In the case of South Africa, therefore, special plans are proposed. The Bureau will make arrangements for as many travelling scholarships as may be provided, and these scholarships, it is suggested, will apply not to undergraduates but to graduates and other men of affairs, between the age of 25 and 35, who have shown themselves to possess the requisite capacity and qualifications to make them likely to benefit from such a tour. The details of these arrangements will, no doubt, be best suggested by the local authorities concerned and by the governments of the provinces providing the scholarships. If undergraduates were included, it might be possible for some agreement to be made between the different University Authorities to recognise towards a degree course, a term spent abroad on tour, part of which perhaps might be devoted to residence and study in some place of learning in South Africa. The South African Scholarships will be considerably more costly than the Canadian.

The duration of the sojourn in South Africa, it is suggested, would be something like six or twelve months as might be found most convenient. Opportunities would be provided therein for a thorough study of the life, needs and potentialities of the Cape or of such other parts of South Africa as may be visited; and of any special subject desired. And, as in the case of the other scholarships, a detailed written record will be required, which when published will do much to disseminate a wider knowledge of South African conditions among the people of the Old Country.

may

It is hoped also that similar scholarships/be provided to enable South Africans to spend some time in study in the motherland.

The provision of the Scholarships, however, by no means defines the scope of the movement. Facilities are already being offered to all bona fide students, in a wide sense of the word, from all parts of the British Empire who may wish to pursue any special line of study in any other part of the English-speaking community. Such students will include men who are not members of Universities, provided always that they are of suitable character, who wish to make technical or general investigation of work and life in these countries.

The facilities



The facilities mentioned will take the form of guidance, information, introductions to leaders in various spheres of activity, and, where possible, reduced rates of travel and accommodation. 266c

Encouragement will thus be offered to men of intelligence and character from a wide area to make their way to the Cape and South Africa generally, while South African students visiting the British Isles or other parts of the Empire will be equally assisted and welcomed.

It is obvious that such an interchange cannot fail to have a fruitful influence in developing the common welfare, progress and unity of the wide-spread nations that make up the Empire.

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REPORT OF THE VICE-CHANCELLOR'S COMMITTEE.

ANNEXURE A.

- (a) Letter from Private Secretary to Minister of Education, dated 13. 7. 1910.

I am instructed by the Minister of Education to write to you in connection with the Examination of Government Land-Surveyors. Mr. Malan understands that the Theoretical part of this Examination has in the past been conducted by the University Council while the Technical part was under the control of a Committee of the Surveyors-General.

The Minister of Lands agrees with the Minister of Education that all Examinations should fall in the latter's Department and Mr. Malan is of the opinion that the time has come to put the Survey Examination on a more permanent footing.

He has tentatively suggested to the Minister of Lands that the Examination might in future be conducted by a Committee of the University with one or more officers of the Lands Department, as Assessors. The Committee of the Surveyors-General which in the past has conducted the practical part will also be consulted. Mr. Malan would be pleased if you would submit this proposal to your Council so that a Conference could be arranged between the representatives of the Lands Department and your Council to discuss the scheme and settle the details.

- (b) Reply to above letter, dated 27. 7. 10.

With reference to your letter of the 15th July I have the honour to state that at the meeting of the Vice-Chancellor's Committee which was held on the 23rd instant it was felt that the University Council would be in full sympathy with Mr. Malan's proposals in regard to the future conduct of the Survey Practical Examinations and the Committee decided, on behalf of the Council, to agree to take part in the suggested conference on the subject. The appointment of the University's representatives will be left to the Council at its meeting in September next unless there are urgent reasons why it should be specially dealt with before that date. In the meantime I should be glad to learn what number of representatives Mr. Malan desires should be appointed.

B. The Committee has considered the following resolution adopted by the Council at its last meeting viz:

That the Vice-Chancellor's Committee be asked to report to the next Council meeting as to whether any improvement can be made in the procedure at Degree Day functions, and, if so, to submit recommendations for the conduct of proceedings in future.

The Committee submits the following recommendations for the Council's consideration:-

- (a) That the proceedings commence half an hour earlier, viz: at 10.30 A.M.
- (b) That only (i) graduates (ii) students who have obtained exhibitions at the Intermediate and Matriculation Examinations be presented.
- (c) That admission to the Undergraduates Gallery be by ticket obtainable on application through College Senates or, in the case of private students, through the Registrar.
- (d) That the College Senates be asked to bring influence to bear upon their students to prevent the proceedings being interrupted by disorder.

Paragraph B was adopted with the exception of Clause (d) which was deleted.

11. The following Report of the Admissions Committee, submitted by Professor Ritchie in the absence of the Chairman, was adopted:

REPORT OF THE ADMISSIONS COMMITTEE.

(Prof. Ritchie - Acting Chairman.)

(Submitted 19th September, 1910)

- 1. The Committee reports that it has approved of the admission of the following candidates to the examinations specified in terms of the rules adopted by the Council at its last meeting:
  - A. To the Intermediate Examination in Arts.
    - 1. E.E. Cohen London Matriculation
    - 2. A.B. Jeppe Oxford Responctions (provisionally)
    - 3. H.R. Martin Durham Matriculation (provisionally).
  - B. To the First Mining Examination.
    - 4. J. Pocock London Matriculation.
- 2. The Committee has appointed a Sub-Committee to prepare a list of examinations to be recognised by the Council as qualifying for exemption from the Matriculation Examination and will report further on this subject at a later date.

12. The following Report of the Special Committee on the use of the Dutch Language as a medium of Examination etc. was submitted by Professor Notcutt, in the absence of the Chairman:

REPORT OF THE SPECIAL COMMITTEE ON THE USE OF THE DUTCH LANGUAGE AS A MEDIUM OF EXAMINATION ETC.

(Prof. Notcutt)  
(Prof. Notcutt - Acting Chairman)

(Submitted 19th September, 1910.)



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Committee.

Prof. Marais (Chairman)\*  
Prof. Breijer  
Dr. Flint  
Prof. Hahn

Dr. Jenkins  
Prof. Moorrees  
Prof. Notcutt  
Rev. J.M. Russell

Justice Searle\*.

(\* Absent)

The Committee has considered the various matters referred to it for report by the Council at its last meeting and submits the following recommendations:

1. With reference to the suggestion that candidates should be given the opportunity of taking the more advanced papers in both English and Dutch in the Matriculation and Senior and Junior Certificate Examinations (new scheme) the Committee recommends that any action in this direction should be deferred until some experience has been gained of the actual working of the new schemes for these examinations.

*Paragraph 1 was adopted.*

2. Queen Victoria Memorial Scholarship and Exhibition for Girl Students (See Calendar p. 452).

The Committee recommends that the Queen Victoria Memorial Scholarship be awarded in future in connection with the B.A. (Honours) Examination and the Exhibition in connection with the Intermediate Examination; and that notification of this change be sent to the President of the Committee which collected funds for these foundations (Mrs. T.L. Graham).

3. Frere Exhibition (See Calendar p. 448).

The Committee recommends that the Frere Exhibition be awarded in future in connection with the B.A. Examination and be converted into a Scholarship tenable for three years instead of being awarded annually.

*Paragraphs 2 and 3 were referred to the Examinations Committee for report.*

4. Issue of statements of marks to candidates in the Matriculation and Senior and Junior Certificate Examinations (new scheme).

The Committee recommends

- (a) that the issue of detailed statements of marks be discontinued
- (b) that in lieu thereof statements be issued, under the conditions at present in force indicating by the use of the symbols given below the standard of each candidate's work in each subject taken by him; and also whether he failed or was "weak" in his aggregate.

Proposed symbols. F = failed.

W = passed but did not obtain a percentage equal to the minimum percentage required for a pass in the examination as a whole.

G = passed with 60 per cent. or over of the maximum marks.

P = passed with a percentage between W and G.

(Note by Registrar: Certain minor difficulties having cropped up in the course of an attempt to apply the above to concrete cases selected from the Mark Registers for 1909, it is suggested that the general principle be approved and that the details be referred back to the Committee for further consideration).

*Paragraph 4 was referred to the Examinations Committee for report, the Council approving generally of the principles involved in the recommendations.*

- 13. The following Report of the Special Committee on the Matriculation History Syllabus was submitted by Dr. Flint:

REPORT OF THE SPECIAL COMMITTEE ON THE  
MATRICULATION HISTORY SYLLABUS.

(Dr. Flint)

(Submitted 19th September, 1910.)

Committee.

Dr. Flint (Chairman)  
L<sup>rs</sup>. Jenkins  
Prof. Hotcutt  
Mr. Whitton

Prof. J. Edgar  
Prof. Godé-Molsbergen  
Mr. S. Masch  
Mr. du P. le Roux.

The Committee has reconsidered its previous recommendations in reference to text books for use in connection with the new History Syllabus adopted for the Junior Certificate and the Matriculation and Senior Certificate Examinations, in accordance with the Council's instructions, and submits the following recommendations for the consideration of the Council:

1. That Prof. Edgar's "Five Centuries of Empire", shortly to be published by Maskeu Miller be named as indicating the scope of the examination in History in the Junior Certificate Examination.

In reference to Paragraph 1 it was resolved not to indicate any text books in History for the Junior Certificate Examination

2. That in view of the fact that the Committee is unable at present <sup>to</sup> suggest any single convenient text book covering the <sup>new</sup> Matriculation and Senior Certificate History Syllabus, it be made optional for candidates in 1911 to take either the new syllabus or that at present in force.

It was resolved that the recommendation in Paragraph 2 be not adopted.

3. That the Committee recommends that the following works of reference should be obtained by School Libraries for the use of teachers:

N.B. The more indispensable works are indicated by an asterisk.

The Cambridge Modern History.

- \*Seeley. Expansion of England.  
Growth of British Policy.
- Egerton. Origin and Growth of the British Colonies.  
History of British Colonial Policy.
- \*Lucas. Historical Geography of the British Colonies  
(Vols. IV, V and VI).
- \*Peel. Friends of England.
- Morris. History of Colonization.
- Neal. History of South Africa.
- \*Payne. European Colonies.  
Colonies and Colonial Federations.



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Reinsch.	Colonial Government.
Woodward.	Expansion of the British Empire.
Colvin.	Romance of South Africa.
Holland.	Imperium et Libertas.
Hope.	Our place in History.
Lodge.	Modern Europe.
Adams.	European History.

It was resolved that the recommendation in Paragraph 3 be not adopted.

14. The following Report of the Special Committee appointed to make arrangements for the Publication of the University Calendar was submitted by Professor Walker.

REPORT OF THE SPECIAL COMMITTEE APPOINTED TO MAKE

ARRANGEMENTS FOR THE PUBLICATION OF THE

UNIVERSITY CALENDAR.

(Prof. <sup>Walker</sup> Ritchie)

(Submitted 19th September, 1910.)

Committee.

Prof. Ritchie (Chairman)  
Dr. Flint  
Prof. Walker (Chairman)  
Mr. Whitton.

1. The Committee reports that arrangements have been made for the reduction of the University Calendar to about 640 pages - or say half its present size by the omission of (a) the section containing Examination papers, (b) the Junior and Senior Certificate Examination regulations, (c) the Music examination regulations, and (d) by alterations in the type used in the lists printed on pages 657 - 755.

Paragraph 1 was adopted.

2. The following further arrangements have been made:

- (a) the Examination papers for each year for the Matriculation and all higher examinations to be stitched in paper covers and sold in sets at 2/6 for the complete set or 1/- per set for single examinations (the Music and Junior and Senior Certificate papers to be sold separately in 1/- sets only)
- (b) the Junior and Senior Certificate Examination regulations together with the Matriculation regulations to be issued in a separate paper covered pamphlet at 1/- per copy
- (c) the Music Examination regulations to be issued in similar form to (b) and sold after the present year at 1/- per copy. (In 1910 these will be distributed gratis as heretofore.)

Paragraph 2 was adopted with the substitution of "3d" for "1/-" in Clauses (a) and (c).

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3. An agreement has been entered into for the Calendar and the School Examination pamphlets to be printed for a period of three years by Messrs Townshend, Taylor and Snashall, the rates quoted by that firm being the most favourable received in response to the invitation of tenders for the service.

Paragraph 3 was noted.

4. An arrangement has been entered into with the present publishers (Messrs J.C. Juta & Co) to undertake the distribution through the trade or otherwise of the Calendar, Examination papers and Examination pamphlets on behalf of the University in return for the advertising rights (confined to advertisements of an educational nature) in the Calendar.

Paragraph 4 was referred to the Vice-Chancellor's Committee for further consideration, in view of the amendments made in Paragraph 2, with power to act in the matter.

5. The price of the Calendar will be reduced to 3/6 per copy.

Paragraph 5 was adopted.

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15 The following Report of the Music Committee, submitted by Professor Ritchie, was adopted with the exception indicated in reference to clause (d) of Paragraph 9.

REPORT OF THE MUSIC COMMITTEE.

(Prof. Ritchie)

(Submitted 19th September, 1910.)

1. The Committee reports that, on the unanimous recommendation of the Examiners, the Music Scholarship for 1910 has been awarded to Miss Kathleen Eleanor Adams, Training College, Grahamstown.
2. Acting on the recommendation of the Examiners the four Music Exhibitions of £30 for one year for 1910 have been awarded to  
Adolph Hallis Private Study, Port Elizabeth (Pianoforte)  
Mina L. Reinecke S.A. Conservatorium, Stellenbosch (Singing)  
Gladys Thomas College of Music, Durban (Singing)  
Phyllis M. Ward Training College, Grahamstown (Violin).

Proxime accesserunt:

Hinda Phillips Private Study, Cape Town (Pianoforte)  
Nancy Phillips Private Study, Cape Town (Violin).

- N.B. The award of the Bursaries available for 1910 will be reported at the next meeting of the Council.
3. The Committee recommends that the Centres for the Licentiate Examination in 1911 be the same as in 1910, viz: Cape Town, Bloemfontein, Grahamstown, Pietermaritzburg or \*Durban, Pretoria or \*Johannesburg and Stellenbosch.

(\*The centre finally selected to be that at which the number of candidates is greater.)



4. The Committee recommends that six examiners be appointed to conduct the Music Examinations in 1911, and that the Associated Board be requested to select one examiner specially for strings and one for singing.
5. The Committee recommends, in view of the fact that examiners will be available with special qualifications in Violin and Singing, that these two subjects be added to the Licentiate Examination, Branch B (Sole Performers), the syllabuses to be the same as for the corresponding examinations of the Associated Board in New Zealand and Australia. (See Annexure A).
6. The Committee recommends that the following alterations be made in the Music Regulations:
- (a) N.B. to Reg. 7. (Calendar p. 382).
- The words "or for any other Division on payment of the balance (if any) of the fee ordinarily payable" to be added after "registration fee" in line 5.
- (b) Licentiate Examination. Branch A - Violin - Marks and Standards: (Calendar p. 430).
- Detection of Inaccuracies to be reduced from 28 to 20 marks.  
 Fingering to be reduced from 24 to 20 marks.  
 Playing accompaniment (new subject) to be assigned 12 marks.  
 The total being 136 as at present.
- (c) That the title to be used by successful candidates in the Licentiate Examination be altered from "University Licentiate in Music" to Licentiate in Music, in view of the objections to the use of the word "University" on the ground of indefiniteness.
7. The Committee recommends (a) that the value of the Music Scholarship be increased from £125 per annum to £150 per annum to take effect from the date of coming into operation of the new regulations for the Scholarship Competition, viz: 1910.
- (b) that the Finance Committee be instructed to consider the question of providing for a second Music Scholarship annually in view of the increasing number of candidates of a high order of merit.
8. With reference to the publication of special lists of pianoforte music for the University Examinations the Committee is of opinion that the lists should not be made public before the volumes containing the music are issued for sale about the end of January, 1911 and in order to prevent any inconvenience being caused thereby to the publishers or teachers the Committee recommends that the three lists for each Division should be bound up together in one volume.
- (N.B. It was decided at the last meeting of the Council to issue alternative lists for each Division except the Lower in three separate volumes at 1/6 per volume).
9. The Committee reports further that it has considered and dealt with the following matters:
- (a) It has decided to hold an additional meeting of the full Committee in Easter week each year.
- (b) It has decided to communicate to the Principal of the School for the Blind, Worcester, confidentially in advance, the lists of special pianoforte studies and pieces for the University Music Examinations, in order that he may have them transcribed into Braille for the use of blind candidates.



## VIOLIN.

~~Candidates are informed that the marks obtained will be awarded under the following heads:-~~

	Maximum Marks.
1. Posture. Holding the Violin and Bow	8
2. Excellence of Scales and Arpeggios	20
3. Intonation	20
4. Production of Tone (including quality and volume)	20
5. Smoothness of Bow stroke changes	12
6. Dexterity of Fingering (including brilliancy and velocity)	20
7. Facility in varied bowing	16
8. Choice of Tempo and strictness of time	13
9. Phrasing and character	20
10. Gradation of Tone	12
11. Accentuation	12
12. Reading at Sight	16
13. General Impression	18
Total	200.

Marks required to pass, 150.

1. Candidates must be prepared to play from memory the following Technical Exercises with any bowing required:-
  - A. Major and Minor Scales in all Keys, Compass three octaves. All minor scales to be in both melodic and harmonic forms.
  - B. Chromatic Scales, to commence on G, A flat, A, B flat and B in three octaves, the rest in two octaves, and to be played in legato bows only.
  - C. Arpeggios formed of all the major and minor common chords, commencing in each case on the root of the chord. Compass three octaves.
  - D. Arpeggios formed of dominant sevenths in all keys. Compass three octaves.
  - E. Arpeggios formed of diminished sevenths in all keys. Compass three octaves.
  - F. Double Note Scales in thirds, sixths, and octaves, in all keys. Compass two octaves. Detached bowing. The minor scales to be in melodic form.



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II. Candidates must be prepared to play all the pieces in the list, the Examiner having the option to select either the entire composition or portions of them.

III. Candidates must be prepared to play at sight.

The Candidate must be provided with an accompanist, who may remain in the room only whilst actually engaged in accompanying.

#### SINGING.

~~Candidates are informed that the marks obtained will be awarded under the following heads:-~~

	Maximum Marks.
1. Quality	16
2. Volume	16
3. Control of Breath	16
4. Production (including Precision and Neatness in the Attack and Finish of Sound)	16
5. Correctness of Intonation	16
6. Vocalisation and Flexibility (including Scales, Arpeggios, Shakes and Intervals)	16
7. Blending of the Registers	12
8. Phrasing, Expression and Variety of Tone	20
9. Pronunciation and Diction	16
10. Recitative	12
11. Facial Expression and Posture	8
12. Conception of the General Character of the Pieces	20
13. Reading at Sight	16
<b>Total</b>	<hr/> <b>200</b>

Marks required to pass, 150.

Candidates must be prepared:-

1. To vocalise diatonic and chromatic studies, copies of which will be given to them on entering their names, (part 1/2).
2. To prepare all the pieces contained in their respective lists and sing such of them or any portion of them as the Examiner may select, either in the language in which the title is given, or in the English translation, where given, at the option of the Candidate.
3. To sing a piece at sight.

The Candidate must be provided with an accompanist who may remain in the room only whilst actually engaged in accompanying.



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- (c) It has decided on the recommendation of the Examiners to arrange with the Associated Board to send out sight reading tests in Braille with the examiners for use in examining blind candidates.
- (d) It has decided not to accede to requests made on behalf of two candidates who failed in the Advanced Division of Harmony by 2 and 3 marks respectively for permission for the said candidates to take the Advanced Harmony together with the Licentiate Examination in 1911.

In connection with clause (d) of Paragraph 9 it was resolved on the motion of Dr Beck that the case of Miss C. Bergmann be reconsidered, and it was decided to grant permission for that candidate to enter for the Advanced Division of Harmony and the Licentiate Examination in 1911.

10. The Committee submits the following statement of the results of the Music Examinations of 1910.

	Honours	Pass	Failed	Percentage.
Licentiate Examinations		14	16	53.3
Teachers' Diploma Examination		9	3	25.0
Music Certificate Examinations (Practical subjects)	125	1882	606	26.2
(Theoretical subjects)	260	597	125	12.8
(Preliminary)		1364	73	5.1

- 16 In connection with the foregoing Report of the Music Committee Professor Mackenzie gave notice to move at the next meeting as follows:

That candidates who fail to pass in the Advanced Division of Harmony and Grammar of Music by not more than 5% of the minimum marks be allowed to enter in the following year for the same examination and the Licentiate Examination.

17. The following Report of the Finance Committee, submitted by Dr. Flint, was adopted.

REPORT OF THE FINANCE COMMITTEE,

(Dr. FLINT)

(Submitted 19th September, 1910.)

- The Committee submits for the information of the Council the attached Abstract of Receipts and Expenditure on account of the General Fund for the Quarter ended 30th June 1910 (Annexure A\*).
- The Committee reports that the first instalment of the Donation from Sir Donald Currie's daughters towards the erection of the University Hall has been received and has been placed for the time being on fixed deposit.
- The Committee has approved of the honorarium to the Minute Secretaries of the Literature and Science Committees being fixed at £1 p.d. each with a minimum fee of 2s.
- The Committee has considered the question of the fee to be paid by medical students entering for the First B.Sc. Examination in Agriculture in certain subjects only and recommends that the fee payable for any number of subjects fewer than four be 25/- per subject (whether for a first or a subsequent registration).

LETTER FROM MR. A. BERGMANN.

23rd August, 1910.

In connection with the recent Music Examinations (1910) my daughter, Miss Caroline Johanna Bergmann, who went up for Advanced Harmony and was entered from St. Cyprian's School, failed by two marks. I think I can with fairness state that her failure is, in my opinion and in the opinion of others better able to judge, due to the fact that she was laid up at the City Hospital, Green Point, with Scarlet Fever for fully six weeks just immediately before the Examination day, and was ill altogether for over two months, in fact she was really too ill on the Examination day to write but insisted in trying to please me, and knowing that if she did not manage it it would mean an extra year's expense which I cannot well afford having other children to educate. In addition she had the misfortune of having her teacher Mr. P.W. Haasdyk ill the previous Quarter. Taking the above statements as to her illness, which can be verified by the Authorities at the Hospital and the Sister in charge of St. Cyprian's, into consideration, I think it will be admitted that her results - failing by two marks only - are fairly satisfactory.

Under the circumstances I would respectfully beg you to place her case before the Music Committee or other necessary Authority with a view to obtaining some relief. I do not expect her case to be condoned but if the Committee or other Authority could see its way clear to allow her, under the circumstances, to take Advanced Harmony and the Licentiate in the same year, that is to say next year, I shall be grateful as I cannot afford to keep her in Town for an additional year and there is no prospect of her working for the Licentiate here.

If your Committee would consider her case favourably I am perfectly willing, should she be successful, for them to withhold her Certificate for a year.

(Sgd.) A. Bergmann.



ABSTRACT OF RECEIPTS AND EXPENDITURE DURING THE

QUARTER APRIL - JUNE, 1910.

Receipts 1.4.1910 - 30.6.1910.

Government Grants	£. S. D.	£. S. D.
Cape of Good Hope		887. 10. 0
Fees		
LL.D. Examination	24. 0. 0	
June Law Examinations	384. 10. 0	
Music Written Examination	1280. 10. 0	
" Practical "	1856. 10. 6	
Ad sunden degrees	4. 0. 0	
Papers, Marks & Telegrams	<u>7. 15. 3</u>	3527. 5. 9
Refunds O.S. Law Examinations		
Rhodesia	48. 0. 0	
Cape	<u>160. 10. 0</u>	208. 10. 0
Rents		12. 10. 0
Commission on Cheques		3. 1. 3
Miscellaneous		
Gazette subscriptions	5. 0	
Refunds	40. 8. 11	
Other	<u>1. 15. 0</u>	<u>42. 8. 11</u>
		4681. 5. 11

Expenditure 1.4.1910 - 30.6.1910.

Salaries and Allowances	104. 15. 0	
Travelling Expenses	<u>69. 14. 9</u>	474. 9. 9
Fees to Examiners (Music)	91. 16. 10	
(Other)	68. 9. 4	
" " Commissioners (Music Exams.)	96. 16. 7	
(Law Exams.)	74. 15. 7	
Local Examination Expenses	<u>10. 13. 2</u>	337. 11. 6
Fee to Auditor		10. 0. 0
Scholarships and Bursaries		1061. 13. 4
Printing Exam. papers etc.		
Stationery and advertising		284. 6. 1
Refunds Examination fees	20. 0. 0	
Interest and Bank Charges	53. 4. 8	
Sundries (Cables, postages etc.)	<u>47. 7. 7</u>	<u>100. 12. 3</u>
		2268. 12. 11
Balance		<u>2412. 13. 0</u>
		4681. 5. 11

£. S. D

Balance 2412. 13. 0

Less Deficit (31.3.1910) 1246. 11. 1

1166. 1. 11 = Balance in Hand.

General Fund 30.6.1910.

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5. The Committee reconsidered the statement of the annual financial requirements of the University submitted to the Council at its last meeting in compliance with the instructions of the Council and entrusted the revised statement to the Deputation which was appointed to interview the Minister of Education on the subject (viz. The Vice-Chancellor, The Chairman of the Committee and the Registrar).  
(See also Item No. 22 paragraph 2.)

18. The following Report of the Examinations Committee, submitted by Professor Ritchie, was adopted:

REPORT OF THE EXAMINATIONS COMMITTEE.

(Prof. Ritchie)

(Submitted 19th September, 1910.)

1. The Committee reports that it has approved of the following appointments in connection with the Examinations of 1910:

(a) as Moderators

B.A. Examination

English	Rev. J.A. Campbell	vice	Rev. H.V. Taylor
French	Prof. T. Walker	vice	Dr. Viljoen
Physics	Prof. Denison	vice	Prof. Morrison & Mr. W.H. Logeman.
Biology (Botany)	Prof. Bews	}	} vice Mr. W.C. Worsdell
Botany (Pass)	Miss E.M. Doidge		
		M.A.	
Botany (Honours)	Prof. Bews	}	}

(b) as Examiners

B.A. Examination

French (Pass) Prof. Nauta to be associated with Mr. H.C. Gilchrist in marking the papers (vice Mr. Houghton).

Law Certificate Examination

Natal Statute Law Advocate Bigby vice Advocate Tatham.

Preliminary and Final LL.B. Examinations

vice Advocate McGregor: papers to be divided between Sir J. Buchanan, Sir J. Wessels and Judge Ward.

2. The Committee recommends the following additional appointments:

(a) as Examiners

M.A. Examination - Part II.

Classics:	Professors C.S. Edgar, Paterson & Ritchie.
History:	Professors J. Edgar, Fouché & Adv. Long B.A., LL.B.
Physics:	Professors Beattie, Lehfeldt & Ogg.
Botany:	Professors Potts, Schönland & Mr. Pole Evans B.A., B.Sc.
Zoology:	Professors Duerden, Gilchrist & Dr. Broom D.Sc.

B.A. Examination.

Applied Mathematics (Honours): Professors Morrison & Ogg.

University Senior Certificate Examination:

Bookkeeping & Commercial Arithmetic: Mr. C.B. Martin.  
" " (Moderator) Prof. W.S. Logeman.

Practical Examinations -

B.A. Chemistry:	Professors Martin & Rudge.
Physics (Pass)	Professors Lehfeldt & Denison
(Honours)	Professors Lehfeldt & Gundry
Botany	Professors Bews & Mr. Pole Evans
Zoology	Professor Warren & Dr. Broom
B.A. App. Maths.	



First Mining Physics) }  
 Second Mining Physics } Professors Lehfeldt & Sutton  
 Survey Optics & Heat)

First B.Sc. Botany Miss A.V. Duthie B.A. & Mr. W.T. Saxton B.A.  
 Zoology Professors Gilchrist & Goddard  
 Chemistry as for September, 1910.

3. The Committee recommends that the same arrangements as were approved last year for the holding of the Third and Final Mining Examinations in conjunction with the corresponding examinations of the S.A. School of Mines and Technology, be adopted this year also as a purely temporary expedient.
4. The Committee recommends that in the event of a difference of opinion on any point arising between an examiner and moderator in any case where there is no Chairman and appeal to, the Vice-Chancellor be empowered to exercise the functions of Chairman with the assistance of such assessors, if any, as he may think fit to call in.
5. The Committee has considered the following proposal which was referred to it for report at the last meeting of the Council, and recommends that the same be adopted: viz.

That in any examination if a candidate shall in a subject selected by him as an additional optional subject in any group obtain the number of marks which would qualify him to pass if such subject had been selected by him as the compulsory subject from such group, such candidate shall not be deemed to have failed merely by reason that he has not selected such subject as compulsory.

6. With reference to Paragraph 7 of the Committee's Report dated 20th June last the Committee has received the attached communications\* from Mr. Pole Evans and Prof. Schönland and has caused the same to be duly recorded.
7. The Committee recommends the appointment of the under-mentioned examiners for the Chalmers Memorial Prize: (Subject: The education of the native races in South Africa) Professor H.C. Motcutt, Hon. W.P. Schreiner and Colonel W.E.M. Stanford C.B., C.M.G.



19. The following Report of the Special Committee appointed to draft Regulations as to the tenure of Scholarships used for professional courses or studies, submitted by Professor Hahn, was adopted.

REPORT OF THE SPECIAL COMMITTEE APPOINTED TO DRAFT

REGULATIONS AS TO THE TENURE OF SCHOLARSHIPS

USED FOR PROFESSIONAL COURSES OR STUDIES.

(Prof. Hahn)

(Submitted 19th September, 1910.)

Committee.

Prof. Hahn (Chairman)

- |                  |               |
|------------------|---------------|
| Dr. Beck         | Prof. Pearson |
| Prof. Breijer    | Mr. Schreiner |
| Dr. Flint        |               |
| Prof. Mackenzie. | Prof. Snape   |

The Committee reports that it has considered the question of the conditions under which Scholars of the University should be permitted to hold scholarships for the purpose of pursuing professional courses or studies in so far as Engineering courses are concerned and submits the following recommendation for the consideration of the Council, viz:

---

8th June, 1910.

Dear Sir,

In reply to your letter of May 11th last I beg to inform you that on account of my boat arriving late in Cape Town time did not permit of my calling at the University.

I have now however made a careful examination of the specimens forwarded by Professor Schönland, and am able to state definitely that the material contained plenty of embryos. I am at a loss to understand how Professor Schönland could have possibly failed to detect them. In this particular instance a great deal of fuss and no little expense have been caused over material which was as straightforward as it was possible for it to be.

(Sgd.) I. B. Pole Evans.

I have duly received a copy of Mr. Pole Evans' observations re question of embryos in material submitted at last B.A. Examination.

I must once more state most emphatically that the ovules examined by me did not contain any embryos. I examined them most carefully in all stages and a mistake is excluded. The Commissioner thought that he had some in one of his preparations when I pointed out to him that, what he had, were not embryos at all and he admitted his mistake. Previous to that he did not find anything that he could take for embryos and it was only his failure that made me look at the material at all.

I can hardly imagine that Mr. Pole Evans fell into the same trap as the Commissioner, but unless he can show me a preparation with embryos from the material supplied, I must conclude there has been a mistake on his part. It is hardly conceivable that the divergence of views is due to accident, though there is a bare possibility of it. I must object to Mr. Pole Evans' concluding remarks. If neither the candidate, nor the Commissioner, nor myself found embryos, the material could not have been straightforward. I shall be glad to see some found by Mr. Pole Evans.



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That a scholar pursuing an approved course of study in Engineering may, after completing his theoretical course, continue to hold his scholarship for the remainder of the period for which it is available, while serving an apprenticeship under conditions recommended by his College Professor and approved by the University Council, provided that the rate of payment per annum shall not exceed the annual value of such scholarship.

20. The following Report of the Honorary Degrees Committee was submitted by Professor Walker: Paragraph 1 being adopted by a two-thirds majority of the Council (including proxy votes from Sir Bisset Berry, Dr Campbell, Dr. Hartog, Dr. Hyslop, Professor Morrison, Sir J. Wessels); and Paragraph 2 being laid on the table in terms of the Regulations for Honorary Degrees.

REPORT OF THE HONORARY DEGREES COMMITTEE.

(Prof. Walker)

(Submitted 10th September, 1910.)

1. The Committee reports that, acting under the provisions of Section 7 of the Regulations for Honorary Degrees (Calendar p. 65) it recommends that the Honorary Degree of Doctor of Laws be conferred upon Field Marshal H.R.H. the Duke of Connaught K.G., P.C., K.T., K.P., etc. on the occasion of his visit to Cape Town in November 1910; and that the Vice-Chancellor be requested to summon a special congregation at which the degree shall be conferred on the same day on which the laying of the memorial stone of the University Hall is laid by His Royal Highness.
2. The Committee recommends that the Honorary Degree of Doctor of Laws be also conferred on Degree Day 1911 upon
  - (1) His Excellency Viscount Gladstone of Lanark, Governor-General of the Union of South Africa (on the occasion of his giving the Annual Address).
  - (11) C.H. van Zyl Esq.

N.B. Minutes will be found annexed setting forth the grounds on which the foregoing recommendations are made.

HIS EXCELLENCY

THE RIGHT HONOURABLE VISCOUNT GLADSTONE OF LANARK

HIGH COMMISSIONER AND GOVERNOR GENERAL.

The Right Honourable Herbert, Viscount Gladstone of Lanark, His Majesty's High Commissioner, and Governor General of the Union of South Africa, has taken an active and varied part in the parliamentary and official life of England during the last thirty years. His duties have brought him into intimate connection with some of the most important departments of national administration; and, by one of the last acts of His Majesty King Edward, Lord Gladstone's wide experience was placed at the service of the Union of South Africa during the early years of construction and consolidation.

Lord Gladstone's connection as student and lecturer with the ancient University of Oxford and the tradition of the great name which His Excellency bears identify him with the interests of sound learning and with high civic ideals. The University Council welcomes His Excellency's co-operation in the cause of education, and gratefully acknowledges his kindness in agreeing to deliver the closing address of the Academic year. The Council asks the Vice-Chancellor to confer on Lord Gladstone the Honorary Degree of Doctor of Laws.



Mr. Casper Hendrik van Zyl during a long and active public life has been distinguished for the enthusiasm with which he has happily combined the practice of his profession with a profound and progressive mastery of the principles on which it rests.

Mr. van Zyl was largely instrumental in procuring the incorporation of the Cape Law Society, and was for many years its president.

During many years Mr. van Zyl delivered voluntarily and gratuitously regular courses of lectures for articled law clerks and for civil servants who desired to prepare themselves for the various Law Examinations. For six years Mr. van Zyl filled without salary the chair of Law in the South African College. For nearly twenty years Mr. van Zyl, on the nomination of the Supreme Court, acted as an examiner in the practical examination for the admission of Attorneys; and the University has also frequently availed itself of his services as an examiner.

Mr. van Zyl's contributions to the literature of his profession are solid and valuable. His Judicial Practice and his Notarial Practice are recognised as authorities in their respective departments. He has also contributed numerous articles to the South African Law Journal, among which should be mentioned his articles on Codification, on the Sources of South African Law (five articles on the history of Roman Dutch Law), and on the Batavian and Cape Placaats (six articles on Batavian colonial legislation).

Students of Roman Dutch Law are under yet another obligation to Mr. van Zyl. The Diotata of the famous juriconsult Van der Keessel were deposited in manuscript in the University Library of Leyden, under testamentary injunction against their being printed or published. On representing to the University authorities at Leyden the importance to the Cape Supreme Court of these commentaries on Roman Dutch Law, Mr. van Zyl was permitted to have a full type-written copy prepared. This unique copy of the Diotata, type-written on vellum sheets, and handsomely bound in five folio volumes Mr. van Zyl presented to the Supreme Court in Cape Town for reference by Court and Bar.

Through his life-long devotion to the pursuit and advancement of his favourite study Mr. van Zyl holds a distinguished place in his profession, and the University Council recommends Mr. van Zyl for the Honorary Degree of Doctor of Laws.

21. *The following Report of the Special Committee to arrange the Programme for the Union Celebrations, submitted by the Vice-Chancellor, was adopted.*

SECOND REPORT OF THE SPECIAL COMMITTEE TO ARRANGE  
THE PROGRAMME FOR THE UNION CELEBRATIONS.

(The Vice-Chancellor)

(Submitted 19th September, 1910.)

Committee.

The Vice-Chancellor (Chairman)	
The Pro Vice-Chancellor	Dr. Hyslop
Mr. Bender	Dr. MacFadyen
Prof. Breijer	Prof. Marais
Sir J. Buchanan	Prof. Ritchie
Mr. Fromantle	Mr. Schreiner.
Dr. Hertzog	

1. The Committee has reconsidered the programme submitted to the Council at its February meeting in view of the change in the arrangements for the opening of the Union Parliament etc. and now recommends that the proposed University Celebrations be limited to the Ceremony connected with the laying of the Memorial Stone of the University Hall by Field Marshal H.R.H. the Duke of Connaught.
2. The Committee has, at the request of the Government, forwarded to the Governor-General for transmission to His Royal Highness a draft programme for the Ceremony and a draft of the Address to be presented on the occasion by the Vice-Chancellor on behalf of the University.



September 1910

22. The following Memorandum was submitted by the Registrar.

## REGISTRAR'S MEMORANDUM.

## 1. Conference on Mining and Engineering Certificates and Degrees.

The Minister of Education has arranged that the above Conference shall meet at the University at 3.30 P.M. on Monday, 7th November, and following evening. Mr. Malan intends to be present in person as far as is necessary and possible.

Paragraph 1 was noted, and Professor Morrison was appointed to act as one of the University's delegates in place of Professor Schönland, who intimated his inability to attend on the date fixed.

## 2. Deputation to Minister on the subject of the Financial Requirements of the University.

The Deputation interviewed the Minister of Education on the 21st June and submitted for his consideration the subjoined memorandum. (Annexure A.)

The Minister undertook to provide for Items A and B on the Draft Estimates of his Ministerial Division, and to provide for Items C and D by Bill to be introduced in the first Session of Parliament.

Paragraph 2 was noted.

## 3. Centres for Intermediate and Degree Examinations, etc.

At the February meeting it was decided that candidates for the Intermediate, Mining, Survey, Civil Service Higher Law and all Degree Examinations shall be allowed to take their examination at one of the following centres only, Cape Town, Rondebosch, Stellenbosch, Wellington, Grahamstown, Bloemfontein, Pretoria, Johannesburg, Maritzburg and Bulawayo (or Salisbury).

A number of applications have been received from private students for permission to sit for their examination at other centres than those mentioned above, and the matter is submitted to the Council for its decision (See Annexure B).

In reference to Paragraph 3 it was resolved that the Vice-Chancellor's Committee be empowered to relax the rule confining the examinations to the centres specified in the case of any bona fide private student, if such candidate would otherwise suffer actual hardship in the opinion of the Committee.

## 4. B.A. Honours History, Third Paper, 1911.

The allocation of marks in the Third History Paper in the B.A. Honours Examination in 1911 requires revision in view of the alteration of the syllabus (see Calendar pages 186 & 187) and it is suggested that the matter should be referred to the Literature Committee for consideration and report.

## 5. Matriolation Examination - Length of Composition in Dutch and Modern Language papers.

Attention has been drawn to the inadequacy of the composition test which is limited to 120 words (say 12 to 15 lines) and receives 50 marks in the case of Dutch and 75 in the case of French and other Modern Languages. (In the School Higher Examination it was the general practice of examiners to require the composition to be about 25 lines). It is submitted that this matter should be referred to the Literature Committee for consideration and report.

Paragraphs 4 and 5 were adopted.

6. Interpretation.



## MEMORANDUM FOR MINISTER FOR EDUCATION.

At the present time the University is in receipt from the State of funds for the following purposes:-

- |  |             |
|--|-------------|
| (1) Grants for general purposes  | £3,850 p.a. |
| (2) Grant for Bursaries  | £400 p.a.   |
| (3) Queen Victoria Scholarships under the<br>Queen Victoria Scholarships Act of 1902 | £900 p.a.   |

The Council has resolved to request the Minister to submit to Parliament additional provision for the following purposes, as set forth in detail in the accompanying statements numbered A,B,C,D, viz.,

- A. £500 p.a. additional for general purposes.
- B. £1,100 p.a. additional for Exhibitions.
- C. £2,250 p.a. additional for Scholarships.
- D. £1,000 p.a. for the promotion of research work in South Africa.

## A.

The following resolutions were adopted by the University Council in February 1950:

- (a) That, subject to the necessary funds being provided by the Government, the Literature and Science Committees shall meet in rotation at the following University College Centres outside Cape Town during the period 1911 - 1915, viz., Pretoria, Grahamstown, Bloemfontein, Maritzburg, Stellenbosch.
- (b) That the above resolution be laid before the Union Government with a request that it will provide the necessary funds to meet the extra expenditure involved.

The additional expenditure involved in connection with the above proposals is estimated at £500 p.a., being the extra sum required for payment of travelling expenses and . . . subsistence allowances if the Committees (which practically form the Boards of Study of the University) meet away from Cape Town, in the neighbourhood of which four of the University Colleges (including the two largest) are situated.

An additional grant of £500 is sought for the above purpose.



In 1909 the University spent on Exhibitions and Bursaries from its own funds (i.e. apart from the special Government grant) a sum of £1,681, thereby crippling its financial resources severely.

An additional grant of £1,100 is sought to enable the University to continue the system of awarding Exhibitions in connection with the Matriculation and Intermediate Examinations without overdrawing its revenue.

## C.

The University has long felt keenly the invidious position in which it is placed with regard to the award of Scholarships owing to the fact that the number of Scholarships available is insufficient to provide for one Scholarship being available in each separate Department in which there is a candidate of sufficient merit, so that recourse has to be taken to the inequitable practice of comparing the relative work of candidates in totally different subjects.

There are at present 11 Honours "Subjects" in the B.A. Examination and there are 6 Scholarships available per annum, including the new Donald Currie Memorial Scholarship.

An additional sum of £2,250 p.a. would provide 5 more Scholarships of £150 p.a., tenable for three years, and would remove the reproach attaching to the present system. It is submitted that 5 such Scholarships might fittingly be established in commemoration of the Union to be known as the Union Commemoration Scholarships: the necessary sum being voted annually or provided by a Special Act as might be more convenient.

## D.

It is submitted that it would be a fitting memorial to His late Majesty King Edward VII, who was specially interested in all research work, if the Union Government would, following the precedent of the Cape Government in 1902, set apart, by Act or otherwise, a sum of not less, say, than £1,000 per annum as a King Edward Memorial Research Fund, for the award of Research Fellowships or payment of monetary grants by the University in aid of Research Work in South Africa, in view of the importance to South Africa that the University should be in a position to encourage the prosecution of original work of this nature by students throughout the Union.



I sent in my Entry Form for the B.A. Examination last week and mentioned the fact that I desired to write for the examination here in Ladybrand, but received an answer from Bloemfontein that the only recognised centre for the B.A. in the Orange Free State was Bloemfontein. Since I have written for the same examination on a previous occasion here in Ladybrand I now beg to apply for permission to do this again. The Commissioner who presides over the Matriculation and Intermediate candidates can, I think, also watch over me. I am prepared to get a special Commissioner (subject of course to your approval) for myself at my own expense since having to write in Bloemfontein will be a great inconvenience and expense to me. A favourable reply will greatly oblige.

According to the May issue of the Cape University Gazette the number of centres for the Intermediate and Higher Examinations is to be considerably reduced, and I note with regret that Uitenhage is not to be a centre any longer.

As my College is presenting three candidates this year for the Intermediate - and there may possibly be some private law candidates from the town - I write to ask if the University Council will reconsider their decision in this matter and add Uitenhage to the list of centres for the Higher Examinations.

I may point out that the College Laboratory is supplied with all necessary appliances for the Science work taken up by the candidates and that the Practical Examinations can be carried out here under normal conditions. The necessity of sending our candidates for the Higher Examinations to some distant centre would militate seriously against our endeavour to foster a desire for higher education amongst our students and thus the very ends of the University would be defeated. I feel sure that it is only necessary to draw the attention of the Council to this serious disability to have it removed.

With further reference to my letter of a few days ago on the subject of a centre at Uitenhage for the Intermediate Examination, I now beg to draw your attention to the large amounts paid annually by the College - i.e. the candidates of our College - to the University, in the nature of Examination Fees: this year the fees of our candidates amount to £42; in fact £46 if we include the B.A. fee of one of our teachers. It appears to me that under these conditions my request for a centre for the Intermediate is not unreasonable. I shall be obliged to you if you will kindly bring this matter to the notice of the members of the University Council when the question is brought forward.

I see in the March Gazette that candidates for the Intermediate Examination in Arts must take the examination at one of the Centres mentioned in that Gazette.

I, however, wish to apply to take my examination again at Sterkstroom as I did on former occasions.

Why I ask this favour is:-

- (a) Being an acting teacher, it causes some trouble to get leave of absence to go and write the examination elsewhere.
- (b) The examination will commence on 5th December and the Schools will only break up on the 17th December, consequently I have still to teach a week after the examination is over, which I shall not be able to do if I take the examination at another place.
- (c) The nearest Centres to me are 218, and 321 miles respectively from here.

I trust therefore that your Council will kindly consider my application and grant me a Centre at Sterkstroom.

Should your Council, however, not see their way clear to grant me this favour, kindly let me know whether I have to send in my name through that Centre where I intend to sit for my examination; or whether I can send my name in from here and fill in, on my Entry Form, the name of that Centre. Then when the time for the examination comes off to take it at the Centre filled in on my Entry Form.

Kindly therefore send me an Entry Form for the Intermediate Examination in Arts.

I shall deem it a great favour if the above matter can be made clear unto me.

- (d) The Mother Prioress of the local Convent is anxious to have the Intermediate Examination held at King William's Town instead of her two candidates going all the way to Grahamstown. I am willing to be responsible for the integrity of the Examination, as we shall have got the Matriculation Examination over the week before. I think a "local fee" of £1 should be charged if you approve. This I should give to Mrs. Stewart, who could sit with the candidates. The Mother Prioress thought one of their Priests might invigilate: but I said it could not be allowed.
- (e) One candidate has entered for the Intermediate Examination. He is a married man and for family reasons finds it very inconvenient to write elsewhere. Can he write in Colesberg? The Rev. Dew is willing to act as Commissioner without cost to the University.
- (f) I notice in the Regulations for the Intermediate Examination that candidates will only be examined at certain specified Centres, but that, provided 3 candidates offer for any examination, centres may be granted at other places. Does this permission apply to the Intermediate? If not, would it be possible for me to take the Intermediate Arts papers at the same time as the candidates for Inter: LL.B. - here, in East London. A special journey to Grahamstown (the nearest Intermediate Arts Centre) involves too long an absence from my school duties, and a good deal of expense, and I should like to take the examination here if possible.



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6. Interpretation of amended Regulation 2 for B.A. Examination.

(See Item No. 4 (b).)

The Regulation as amended at last meeting would not appear to debar a candidate who was successful in the B.A. Pass Examination and who either did not attempt Honours or failed in Honours, from entering for the examination again in the same Department in another year and taking Honours on this second occasion. The question is raised whether this was intended.

N.B. A candidate who fails in Honours but is good enough to obtain a Pass Degree is at present not allowed to enter again for Honours, while a candidate who fails both in Honours and Pass is not debarred from taking Honours at a second attempt. This anomaly is removed under the amended Regulation as passed at last meeting.

Paragraph 6 was referred to the Examinations Committee for report in connection with item No 8 (above).

7. Value of Matriculation Exhibitions,

At the last meeting it was decided in view of the coming into force in 1911 of the new scheme for the Junior Certificate Examination to make all the Bursaries awarded at that examination of equal value viz. £12 in place of £15 and £10 respectively. On the same principle all the Matriculation Exhibitions should in 1912 become of equal value instead of being of the value of £25 and £20 respectively, and the matter is submitted for an expression of the Council's wishes as to the value to be fixed.

In reference to Paragraph 7 it was resolved to fix the value of all Matriculation Exhibitions at £20 in and after 1912.

8. Deputation to the Minister on the subject of the Position and Constitution of the University under the Union Parliament and the definition of Higher Education in the South Africa Act. (See Minutes June meeting p. 2 Item No. 5.)

Acting under the powers conferred upon it by the Council at its last meeting, the Special Committee appointed to deal with the above matters interviewed the Minister of Education on 21st June last and submitted for his consideration the following proposal, viz: "That a Commission should be appointed and full opportunity given for discussion before any definite step be taken in the direction either of a general change of policy or of changes in the status of the University or the various University Colleges."

Mr. Malan expressed to the deputation his provisional approval of the appointment of a Commission; and upon enquiry it has been ascertained that the matter is still engaging his consideration.

Paragraph 8 was noted.

9. Results of A. June Law and B. September B.Sc. in Agriculture Examinations.

A. The following are the results of the June Law Examinations:

	Examined	Passed	Failed
Law Certificate Examination	68	38	24
C.S. Lower Law Examination	44	16	28

B. Two medical candidates entered for the First B.Sc. Examination in Agriculture, viz., one in Physics, Chemistry, Botany and Zoology, and one in Physics and Zoology. The former candidate obtained sufficient marks to qualify for exemption from the First Professional Medical Examination at Edinburgh in Physics, Botany and Zoology, but the latter failed to do so in both his subjects.

Paragraph 9 was noted.



September 1910

23. It was resolved to refer to the Examinations Committee the subjoined letter from the Principal of St. Andrews College, Grahamstown, in reference to the new rule as to the mode of submitting examination complaints to the Council:

The July number of the Gazette contains the following under Report of the Examinations Committee:

3. It was resolved that in future no complaints in reference to the questions set at any examination would be considered by the Council unless forwarded to it either through the Senate of one of the University Colleges or through a recognised Teachers' Association.

I presume that this rule is not yet confirmed by the Council and I wish to bring the injustice, involved by it on Schools such as this, to their notice through you before it comes up for confirmation.

I have consulted the Senate of the Rhodes University College who decline to act as medium for us: neither I nor my staff belong to the South African Teachers' Association which is composed mainly of Government teachers - I believe it will be found to be the same with other non-government schools. The proposed rule therefore has the effect of cutting such schools off from communication with the University Council; which is a hardship to them and a distinct discouragement to their attempts to further the cause of education.

May I ask you to put this matter before the Council at the next meeting?

24. In reference to the subjoined letter from the Senate of the South African College on the subject of the date of publication of the B.A. Results, the Registrar reported that the matter was considered by the Examinations Committee which recorded its opinion that pressure should be brought to bear on the B.A. Examiners by a circular letter, urging them to make special efforts to meet the wishes of the colleges and candidates in the direction indicated. The Committee also suggested that a record should be kept of those examiners who fail to complete their work within the specified time.

It was resolved to endorse the recommendation of the Examinations Committee and to assure the S.A. College Senate that the utmost expedition practicable would be used in the matter.

The Senate of this College has had under consideration the urgent need that exists for an earlier publication of the results of the B.A. Examination, and I have been directed to point out to you that in many cases great inconvenience, if not hardship, has been caused to students through the results of these examinations not being published earlier in past years.

Students who wished to enter on a Teachers Training Course after graduating have been handicapped in applying for maintenance grants, as in some cases the results of the B.A. Examination have not been published until after such courses have begun, or when it is too late to apply for a grant; and students who already hold a Teachers Certificate are unable to know whether they should apply for a position as in the event of their failing to pass the B.A. Examination they may wish to return to College. Under these circumstances the Senate strongly urges that the University Council should use every endeavour to fix a stated date on which the examination results shall be published in future, and suggest that a date should be fixed about the middle of January.

25. In reference to the subjoined application for a further extension of leave of Absence for Miss Edna Elliott (Music Scholar, 1906) the Registrar reported that Miss Elliott had been on leave since for a period altogether of 2 years and 9 months, her present term of leave expiring in September, 1910; and that the matter was considered by the Music Committee which recorded its opinion that further leave should not be granted.

It was resolved that the application be refused.



September 1910

Referring to your letter of the 7th January last in which the Council kindly extended my daughter's period of leave till September 1910, I shall be much obliged if you will at their next meeting prefer a request for a further extension until the beginning of the term in September 1911.

My daughter is improving in health and the latest medical opinion is in favour of her resuming her studies about the time mentioned.

26. It was resolved that the request in the subjoined letter could not be acceded to:

I should be very much obliged to you if you could give me any enlightenment on the following point.

A student who intends entering on a medical course wishes first to pass the B.A. Examination in Science of the Cape University. In order to be exempted from the first year medical course the General Medical Council of Britain has decreed that the degree must be obtained in Physics, Chemistry and Biology. But in addition to these subjects for the pass course it is desirable that the student in question should enter for an Honours course as well. But in view of his future course, Zoology is the only subject an extensive knowledge of which is really desirable.

Now, could it not be arranged that a candidate in such a position might, in addition to his pass course enter for the pass and honours examinations in Zoology. Such an arrangement would be of very great advantage to future medical students.

Will you kindly inform me what steps I should take to obtain the necessary permission for adopting such a course.

27. It was resolved to accede to the request in the subjoined letter from Mr H.C. de Beer:

As it is my intention to make another attempt at passing the Matriculation Examination this year, I shall be glad to be informed if the concessions granted me last time I sat will be again extended this year, viz: the use of the typewriter and blackboard, and allowing the Commissioner to take down my work in the Arithmetic and Algebra papers; and also allowing me an extra hour for the papers in mathematics.

I do not wish to ask for too much, but if I could be granted, say, an extra quarter of an hour for the other papers I should be very grateful. I may say that I have lost the use of one hand for typing, and can only use the other with difficulty for this purpose, and moreover, I have now to cover the whole keyboard with this hand, so that I am placed at a great disadvantage.

Of course, if the Council cannot see its way clear to allow the latter concession, I shall have to do the best I can without it.

I feel considerable diffidence in asking for it, in view of the great consideration I have experienced at the Council's hands in the past, for which I am most grateful. If necessary, I shall again pay my own Commissioner, whose name I shall submit for approval at a later date, as I am not sure yet who will be able to officiate in that capacity.

28. It was resolved that representations should be made to the Government on the subject of the issue of official invitations to members of the University Council to be present at the opening of the Union Parliament.

29. It was resolved that a request by Dr. Macfadyen that certain correspondence between Judge Wessels and himself should be referred to the Joint Literature & Science Committee for consideration could not be acceded to.

C. Merwin de Smith



