

Simple physiological experiments are now so easily performed that it is very desirable that the University should ensure that candidates for the higher examinations have had the advantage of a laboratory course in this subject.

In view of the above statements it is unnecessary to enter upon a detailed criticism of the various syllabuses as they now stand. The reorganisation required is of so radical a nature that it seems desirable to suggest a general scheme before entering upon the details of the Syllabus for each examination.

Joint Memorandum by Professors Dendy  
and Pearson on Botany and Zoology.

In conjunction with the statements contained in our separate Memoranda re the University Syllabus in Botany and Zoology, we beg to offer the following general recommendations for the reorganisation of the courses of study in these subjects.

1. That Biology as a subject be eliminated from the B.A. examination and be put (with a modified syllabus) into the Intermediate.
2. That for the Intermediate Examination instead of Zoology and Botany as at present one year's course of study in Biology be prescribed which shall

(a) qualify medical students to sit for their first year's examination in Cape Colony or in Great Britain - [Medical students are usually able to take their 3 science subjects - Chemistry, Physics and Biology - in one year

Education.

6.

and the same plan ought to be adopted here. For this purpose the Syllabus should be approved by the proper examining authorities in Great Britain.]

(b) be taken by candidates who purpose to sit for either Botany or Zoology or both in the B.A. examination. [This proposal is made in view of the fact, that Zoology and Botany are only branches of one science - Biology - and that an elementary knowledge of both branches is necessary to enable a student to understand the essential principles of either. The Syllabus proposed should include elementary Botany and Zoology as well as the general principles of Biology.]

3. That Botany and Zoology be considered as separate subjects in the B.A. examination and that the Syllabus in each be arranged with reference to the Biology Syllabus of the Intermediate examination.

Report of the Building Committee.

[ Submitted 13th November, 1903 ]

Recommendations of the Committee.

1. That the proposed University Buildings be erected on the site in Queen Victoria St. bequeathed by the late Mr. Hiddingsh.
2. That in order to secure as much open space as possible on both sides of the proposed buildings, the Council should acquire, when fitting opportunity offers, the strip of property adjoining Upper Perth St formerly occupied by Mr. Hiddingsh, and such portion of the corresponding strip adjoining Lower Perth St. as is not already in the possession of the University.
3. That the Scheme submitted by the Registrar for converting the basement into a proper ground floor [to be utilized as offices for certain semi-public bodies, such as the Civil Service Commission, the Meteorological Commission, the Colonial Medical Council, the Colonial Pharmacy Board etc.] be adopted.

[ (c) Mr. Hawke, the author of the first premiated design has expressed his entire approval of the proposed additional floor, and at the request of the Vice-Chancellor has submitted fresh drawings showing that the scheme will provide 15 offices for letting purposes, an additional examination hall, record rooms, stores for examination furniture lavatories and cloak rooms.

- (b) Separate entrances are arranged for the offices, which being also connected internally with the rest of the building could be converted by the University to its own use if required.
- (c) Mr. Hawke estimates that the cost of the additional floor would be about £7000. Assuming that the actual cost will not exceed £10,000, the revenue derived from letting the offices should be about £700, in order to provide interest at the rate of 7 per cent on the extra capital invested from the University funds.
- (d) As the Committee is of opinion that the addition of the ground floor will produce a building with a very much finer elevation, it has approached the Government and has submitted a proposal that the Government should hire the offices referred to on a lease at a rental of £700 per annum with a view to providing accommodation for the bodies above mentioned.]

4.

That the first premiated design be carried out with such modifications as may be considered necessary and the substitution of <sup>an</sup> ~~the~~ additional floor referred to in section 3.

5. That in the event of the above recommendations being approved the Committee be authorized to make all further arrangements necessary for the completion of the scheme and to report <sup>periodically to the Council.</sup>

Recommendations 1 and 2 were adopted as printed.  
No 3 was adopted with the omission of the words in brackets.

No 4 was adopted with modifications indicated in red ink.

No 5 was adopted with the addition of the words in red ink.

Prof. H. Stcutt gave notice that at the next meeting he would move that the Regulations with reference to the award of scholarships be reconsidered.

Suggestions  
for Music  
Examinations.

In connection with the Report of the Music Committee Mrs Clark brought to the notice of the Council the following suggestions made by certain teachers in Natal :-

1. That the Paper set for the Teachers' Diploma in Singing be altered from year to year.
2. That if possible an Examiner for <sup>the</sup> Instrumental Examinations and another for the vocal Examinations be sent.
3. That the list of pieces to be performed might be of a more interesting character, all by good standard composers not like the ones set hitherto of which neither words nor music can appeal to the artistic side of a candidate.

Attention was drawn to the inconvenience of the late date at which examiners for the M.A. Examination are appointed. It was thereupon resolved that all entries for this examination be lodged with the Registrar not later than July 31st.

Attention was drawn by Prof. Mackenzie to the inconvenience caused to certain members by the action of the Vice-Chancellor's Committee in postponing for a week the Council Meeting at a late date, thus giving members very short notice of the change.

Confirmed  
J. Buchanan  
V.C.

19. 7. 04

CONFIDENTIAL.

# University of the Cape of Good Hope.

**QUARTERLY COUNCIL MEETING:**  
**19th and 20th February, 1904.**

**SECOND NOTICE.**

University Offices,  
Huguenot Memorial Buildings,  
Queen Victoria Street, Cape Town,  
17th February, 1904.

The next Quarterly Meeting of the Council will be held on Friday, 19th February, at 2 p.m., resuming if necessary on Saturday, 20th February, at 10 a.m.

**DEGREE DAY.**

The Graduation Ceremony will be held in the D. R. Church Synod Hall, Huguenot Memorial Buildings, Queen Victoria Street, on Saturday, February 27th, at 11.30 a.m. (Members of Council are requested to assemble in the Council Chamber at 11.15 a.m.)

**W. THOMSON,**  
Registrar.

[OVER.]

BUSINESS:

CONFIDENTIAL

1. Minutes to be read.
2. Miscellaneous.
3. Letter from the Under Colonial Secretary reporting that the Colonial Secretary had approved of an increase of £50 in the Grant for printing University Notices otherwise than in the Government Gazette.
4. Letter from the President of the University of Winsconsin, inviting the University of the Cape of Good Hope to be represented at its Jubilee Celebration at Madison on June 5th, 1904.
5. Report of the Vice-Chancellor's Committee.

The Committee reports:—

- I. That it has admitted the following persons to the Examinations specified:—
    - (a) To the Intermediate Examination: Joseph Barnard Schaksnovis.
    - (b) To the B.A. Examination: Frederic Norton Gammidge.
    - (c) To the Final LL.B. (partial) Examination: Malcolm Nicolson MacInnes.
  - II. That it has made the following financial arrangements for the office staff during the absence of the Registrar:—
    - (a) The Assistant Registrar, while acting as Registrar, to receive a bonus of £75.
    - (b) The services of one clerical assistant to be retained for the six months, March to August.
  - III. That, in view of an early discussion of the whole subject of the Examinations for Land-surveyors, it has authorised the suspension of the Resolution reducing the fee for the Survey Examination from £15 to £10.
6. Results of the School Examinations, with the lists of Bursaries awarded, to be submitted.
  7. Results of the University Examinations, with the lists of Exhibitions awarded, to be submitted.

8. Report of Scholarships Committee.

Recommendations of the Committee.

- (a) That the Scholarships available be awarded as follows:—

Ebden Scholarship to No. 1 in Chemistry.

Porter Scholarship to No. 1 in Classics.

Queen Victoria Scholarships to No. 1 in Botany and No. 3 in Modern Languages.

Maynard Scholarship to No. 1 in Physics.

- (b) That, under the provisions of the last paragraph of the Regulations, Scholarships be awarded to the following candidates:—

No. 2 in Chemistry.

No. 2 and No. 3 in Classics.

[N.B.—This recommendation has been made in view of the fact that the Pass and Honours aggregate of marks obtained by these candidates was higher than the corresponding aggregates of the candidates referred to in (a).]

- (c) That the maximum marks obtainable in the Department of Mathematics be increased in order to give candidates taking this subject a better chance of reaching the standards required.

9. Award of Prizes.
10. Application for a Fellowship from Mr. W. H. Logeman, M.A.  
*9 from Mr. A. B. Welsh, M.A.*
11. Application from Mr. E. T. G. Sherwood, B.A., to have his scholarship of £150 for 3 years changed into a scholarship of £225 for two years.
12. Application from Mr. L. du B. Hugo, B.A., to be paid the balance (£200) of his scholarship in two instead of in three instalments.
13. Cases of Contravention of Examination Regulations.
14. Examiners' Reports for 1903 to be submitted.
15. Application from the Grahamstown University Examinations Committee for a Grant in aid of expenses incurred in the purchase of furniture for examination purposes.
16. Appointment of Examiners for School and University Examinations of 1904 (See Report of Selection Committee).
17. Report of the ad Eundem Degrees Committee.

Recommendations of the Committee:—

- (a) That the following certificate be inserted in the Form of Application for admission ad eundem gradum:—

I HEREBY CERTIFY that

is personally known to me, and that I consider him a fit and proper person for admission as a graduate of this University.

Date .....

- (b) That the following addition be made to § 4 (Calendar, p. 63) of the Regulations for the admission of Graduates of other Universities:—

“Should the number of applicants for admission exceed the number allowed in the preceding part of this section, the Council will, in general, make its selection according to (1) the importance of the admission *ad eundem* for any Candidate declaring his intention to proceed to another degree in this University (2) priority on the standing list of applicants for admission *ad eundem*.”



## 18. Report of the Building Committee.

The Committee reports:—

- (a) That at the request of the Committee the Architect has visited Cape Town for the purpose of inspecting the site and discussing with the Committee the details of the plans of the proposed buildings, and that he has been requested to prepare working drawings in pencil and submit them for approval before they are inked in.
- (b) That it recommends that, in view of the legal questions which may arise in connection with the erection of the proposed buildings, a firm of attorneys be appointed as legal advisers to the Council.

## 19. Notices of Motion:—

I. By DR. GREGORY:—

That in the opinion of this Council, the time has arrived when, in the interests of Higher and Technical Education in South Africa, an Inter-Colonial Commission should be appointed to consider this subject in all its bearings, with a view to ascertaining the best steps that can be taken for placing it on a sounder, wider, and more enduring basis.

Further, that the Vice-Chancellor be requested to convey this resolution to the Cape Government, with an expression of the hope that it will take into consideration the best method of securing the co-operation of the Governments of the several South African Colonies in the appointment of such a Commission; and, further, that in the event of such a Commission being appointed this Council shall be adequately represented.

[Standing over from last meeting].

N.B.—Owing to the holidays and pressure of examination work, the Committee appointed at the last Council meeting to report upon the question has not yet been able to meet.

II. By PROFESSOR NOTCUTT:—

(a) That the regulations for determining Scholarships be altered as follows:

Insert "Pass and" before the word "Honours" in line 5 of § 5 on p. 186 of the Supplement to the Calendar.

(b) Calendar, p. 135, § 30, to add the words, "The Candidate must take in the Pass Examination the subject which he selects for Honours. In Mathematics this shall mean both of the groups A and B."

(c) Calendar, p. 114, § 18, insert "Honours" before "group"; after "merit" add "as determined by the combined marks obtained in the Pass and Honours papers in that group."

(d) Calendar, p. 144, § 38, instead of "division" put "Subject"; after "merit" add "as determined by the combined marks obtained in the Pass and Honours papers in that subject."

[N.B.—Motions (b) (c) and (d) are made subject to the adoption of (a).]

III. By PROFESSOR WALKER:—

(a) That the following note be added to the B.A. Pass Regulations, § 10, Calendar, pp. 107, 108:—

NOTE.—In Logic and in Psychology a choice of questions will be given, of which not more than seven are to be answered.

(b) That the Honours Examination in Mental and Moral Science, Calendar, p. 114, be arranged in four papers, instead of in three, by dividing the present third paper into two, viz.:—*Third Paper*, Outlines of the History of Philosophy; *Fourth Paper*, Prescribed philosophical text or texts.

(c) That these four Honours papers, Mental and Moral Science (cf. Calendar, p. 120), be valued at 300 marks each.

IV. By PROFESSOR LOGEMAN:—

That the Scale of Fees for Examiners be revised.

V. By DR. BECK:—

That "one-half" be substituted for "two-thirds" in line 2, § 4 of the Regulations for the admission of graduates of other Universities (Calendar, p. 63).

\* See Separate Papers.

## Miscellaneous Business

1. Letter from D. Walker reporting the presentation to the University Council by S. H. R. Anders, B.A., of a copy of his work entitled "A Dissertation on Shakespeare's Reading &c"
2. Application from Mr. A. B. Welsh, M.A., for exemption from examination in all subjects of the First Mining Examination except geology and drawing.
3. Completion of the arrangements made with the Natal Government for the Natal Law Examinations to be reported.
4. Report of the arrangements made for a conference of the Surveyors General of the various Colonies and the Survey Committee of the University Council to discuss the scheme of examinations for land surveyors.
5. Appointment of Auditor of the University Books and accounts for 1903.
6. Recommendation of the Registrar that a list of books be selected from time to time for the Queen Victoria and Hampden Willis Prizes, and that the selection of the first list be left in the hands of Professors Walker and Notcutt.
7. Appointment of additional members of the M.A. Committee.

19th and 20th February, 1904.

A meeting of the Council was held this day.

There were present:-

The Vice-Chancellor (on the Chair)  
The Pro-Vice-Chancellor

Mr Barnett

Prof. Beattie

D<sup>r</sup>. Beck

Rev. P. Bender

Mr Clark

Rev. D<sup>r</sup>. Espin

Rev. D<sup>r</sup>. Flint

Prof. Fremantle

Rev. D<sup>r</sup>. Gibson

D<sup>r</sup>. Gregory

Rev. J. H. Hopmeyer

Rev. W. O. Jenkins

Rev. D<sup>r</sup>. Kolbe

Prof. Logeman

Rev. D<sup>r</sup>. Macgowan

Prof. Mackenzie

Prof. Martin

Rev. D<sup>r</sup>. Marais

Hon. J. X. Merriman

Prof. Morrison

Prof. Notcutt

Prof. Ritchie

Rev. J. M. Russell

Hon. W. P. Schreiner

Mr Searle

Sir Abercrombie Smith

Rev. D<sup>r</sup>. Walker

Prof. Viljoen

Mr Whitton

The minutes of the previous meeting were read and confirmed.

A letter was read from D<sup>r</sup>. Walker reporting the presentation to the University by D<sup>r</sup>. H. R. Anders, B.A., of a copy of his work entitled "Shakespeare's Books". It was decided to thank the author for the gift of the book dedicated to the University.

A letter was read from Mr A. B. Welsh<sup>ma</sup>, applying to be exempted from examination in all subjects of the First Mining Examination except geology and drawing, on the ground that he had passed the B.A. Examination in Mathematics, Physics and Chemistry as well as the M.A. Examination in Chemistry. The request was acceded to.

The Registrar reported that the arrangements for the Natal Law Examinations to be conducted by the University had been completed.

The Registrar reported that a conference of the Surveyors General of the various Colonies and the Committee appointed by the University Council to discuss the scheme of Examinations for land surveyors had been arranged for the 29th of February.

Presentation  
of book by  
D<sup>r</sup>. Anders.

Exemption  
from part  
of First Mining  
Examination.

Arrangements  
for Natal Law  
Examinations.

Conference of  
Surveyors General  
and Mining Committee.

Auditor for  
1903.

It was resolved that Mr. G. F. Batho, First Class Examining Officer of the Audit Office, be appointed auditor of the University Books and accounts for 1903.

Book Prizes

It was resolved that the candidates to whom the Queen Victoria and Hampden Willis Prizes had been awarded should be allowed to select their own books subject to the approval of the Vice-Chancellor.

M.A. Committee  
Additional  
members

Authority was given to the Vice-Chancellor to appoint such additional members of the M.A. Committee as would be considered necessary.

Printing  
Grant: increase  
of.

A letter from the Under Colonial Secretary was read reporting that the Colonial Secretary had approved of an increase of £50 in the grant for printing University Notices otherwise than in the Government Gazette.

Wisconsin  
University  
Jubilee

A letter from the President of the University of Wisconsin was read, inviting the University of the Cape of Good Hope to be represented at its Jubilee Celebration at Madison on June 5<sup>th</sup> 1904. It was resolved to thank the President for his invitation and to state that should any member of the Council be in that neighbourhood at the time of the Jubilee he would take advantage of the invitation.

Report of  
V.C. Committee

The following Report of the Vice-Chancellor's Committee was submitted:

#### Report of the Vice-Chancellor's Committee.

The Committee reports:—

I. That it has admitted the following persons to the Examinations specified:—

- (a) To the Intermediate Examination: Joseph Barnard Schaksnovis.
- (b) To the B.A. Examination: Frederic Norton Gammidge.
- (c) To the Final LL.B. (partial) Examination: Malcolm Nicolson MacInnes.

II. That it has made the following financial arrangements for the office staff during the absence of the Registrar:—

- (a) The Assistant Registrar, while acting as Registrar, to receive a bonus of £75.
- (b) The services of one clerical assistant to be retained for the six months, March to August.

III. That in view of an early discussion of the whole subject of the Examinations for Land-surveyors, it has authorised the suspension of the Resolution reducing the fee for the Survey Examination from £15 to £10.

School Examinations  
Results

The Results of the School Examinations held in November, 1903, with the lists of Bursaries awarded were submitted and confirmed.

University  
Examinations  
Results

The Results of the University Examinations held in December, 1903, with the lists of Exhibitions etc awarded were submitted and confirmed.

The following Report of the Scholarships Committee was submitted:

**Report of Scholarships Committee.**

Recommendations of the Committee.

- (a) That the Scholarships available be awarded as follows:—  
 Edden Scholarship to No. 1 in Chemistry.  
 Porter Scholarship to No. 1 in Classics.  
 Queen Victoria Scholarships to No. 1 in Botany and No. 3 in Modern Languages.  
 Maynard Scholarship to No. 1 in Physics.
- (b) That, under the provisions of the last paragraph of the Regulations, Scholarships be awarded to the following candidates:—  
 No. 2 in Chemistry.  
 No. 2 and No. 3 in Classics.

[N.B.—This recommendation has been made in view of the fact that the Pass and Honours aggregate of marks obtained by these candidates was higher than the corresponding aggregates of the candidates referred to in (a).]

- (c) That the maximum marks obtainable in the Department of Mathematics be increased in order to give candidates taking this subject a better chance of reaching the standards required.

Scholarships  
1903

After discussion the Scholarships were awarded as follows:—

- Edden Scholarship: Johannes van Schalkwijk,  
(No. 1 in Chemistry) ✓
- Porter Scholarship: Reginald P. B. Davis  
(No. 1 in Classics) ✓
- Queen Victoria Scholarship: Karl Bremner  
(No. 1 in Botany) ✓
- Queen Victoria Scholarship: Thomas H. le Rouse  
(No. 3 in Modern Languages) ✓
- Maynard Scholarship: Lucy Stapleton (Honorary)  
No. 1 in Physics ✓  
Edward R. Roper  
(No. 2 in Classics) ✓
- University Scholarship (£60): Annabella B. Marchand  
(No. 3 in Classics) ✓  
Percy J. Lewis (Honorary)  
No. 2 in Chemistry ✓

With reference to the Recommendation as to the increase of marks (c) it was resolved to refer the matter to the Science Committee.

Award of  
Cornwall and  
York Prize

The Report of the Examiners for the Cornwall and York Prize was submitted and adopted. The following are the recommendations of the Examiners:—

1. That the Prize be awarded to the author\*.
2. That half of the prize money be withheld and publication of the Dissertation, <sup>in proposed</sup> all the instrument (described in the Dissertation) has been got to work, and some records made under ordinary out of door conditions.
3. That the first part of the paper be not published.

\* Mr. W. H. Logeman, M.A.

award of  
Fellowship

Applications for a Fellowship were submitted from Mr. W. H. Logeman, M.A., and Mr. A. B. Welsh, M.A. After discussion it was resolved that a Fellowship of £200 for two years be awarded to Mr. W. H. Logeman, on the understanding that the course of research which he intends to pursue receives the approval of the Vice-Chancellor.

application  
for alteration  
of tenure of  
scholarship

An application was submitted from Mr. S. J. Sherwood, B.A., requesting that his scholarship of £150 for three years be commuted into a scholarship of £225 for two years, on the ground that he wished to spend the third year of his course in practical engineering work. It was resolved to decline the application but to consider the scholarship tenable while pursuing such practical courses, provided the usual certificates required by the Regulations are produced.

application  
for commutation  
of scholarship

An application was submitted from Mr. L. du B. Hugo, B.A., requesting that the remaining portion of his scholarship (£200) be paid in two instead of in three instalments. The application was not granted.

Examiners  
Reports

The Reports of the Examiners on the work of the candidates examined by them were submitted.

It was resolved that the Reports be submitted to a Committee with instructions to publish such parts as are of general interest and to bring before the Council such parts as may appear likely to bear on the improvement of the examinations: the Committee to consist of Professors Logeman and Mackenzie, Mr. Fremantle and Mr. Flint.

grant to  
Grahamstown  
Committee

An application was submitted from the Grahamstown Examinations Committee for a grant in aid of the expenses incurred in procuring examination furniture. It was resolved to vote a sum of £25 for this purpose.

Report of ad  
eundem  
degrees Committee

A Report was submitted from the ad eundem degrees Committee recommending

1. That the following certificate be inserted in the Form of Application for admission ad eundem gradum:-

I HEREBY CERTIFY that

.....  
is personally known to me, and that I consider him a fit and proper person for admission as a graduate of this University.

- (2) That the following addition be made to section 4 of the Regulations for the admission *ad eundem gradum* of graduates of other Universities :-

Should the number of applicants for admission exceed the number allowed in the preceding part of this section, the Council will, in general, make its selection according to (1) the importance of the admission *ad eundem* for any Candidate declaring his intention to proceed to another degree in this University (2) priority on the standing list of applicants for admission *ad eundem*.

The Report was adopted

Report of Building Committee.

The following adopted:

Messrs Lyddenton,  
Law and Syfret  
were appointed as

attorneys appointed

recommended in paragraph (6).

The following motion of which due notice had been given was submitted by Prof. Roberts :-

Report of the Building Committee was submitted and

The Committee reports :-

- That at the request of the Committee the Architect has visited Cape Town for the purpose of inspecting the site and discussing with the Committee the details of the plans of the proposed buildings, and that he has been requested to prepare working drawings in pencil and submit them for approval before they are inked in.
- That it recommends that, in view of the legal questions which may arise in connection with the erection of the proposed buildings, a firm of attorneys be appointed as legal advisers to the Council.

Scholarship Regulations.

- That the regulations for determining Scholarships be altered as follows :  
Insert " Pass and " before the word " Honours " in line 5 of § 5 on p. 186 of the Supplement to the Calendar.
  - Calendar, p. 135, § 30, to add the words, " The Candidate must take in the Pass Examination the subject which he selects for Honours. In Mathematics this shall mean both of the groups A and B."
  - Calendar, p. 114, § 18, insert " Honours " before " group " ; after " merit " add " as determined by the combined marks obtained in the Pass and Honours papers in that group."
  - Calendar, p. 144, § 36, instead of " division " put " Subject " ; after " merit " add " as determined by the combined marks obtained in the Pass and Honours papers in that subject."
- [N.B.—Motions (b) (c) and (d) are made subject to the adoption of (a).]

After discussion the motion was carried with the proviso that the last clause of (b) read as follows :-  
" In Mathematics this shall mean group B."

(Subject to confirmation.)

It was further resolved that this change take effect from December 1905.

B.A. Pass Examination in Philosophy.

The following motion of which due notice had been given was submitted by B. Walker :-

- That the following note be added to the B.A. Pass Regulations, § 10, Calendar, pp. 107, 108 :-  
NOTE.—In Logic and in Psychology a choice of questions will be given, of which not more than seven are to be answered.
- That the Honours Examination in Mental and Moral Science, Calendar, p. 114, be arranged in four papers, instead of in three, by dividing the present third paper into two, viz. :- *Third Paper*, Outlines of the History of Philosophy ; *Fourth Paper*, Prescribed philosophical text or texts.
- That these four Honours papers, Mental and Moral Science (cf. Calendar, p. 120), be valued at 300 marks each.

B.A. Honours Examination in Philosophy.

After discussion it was resolved that the Examiners be instructed to give a choice of questions, and that not more than ~~than~~ three fourths are to be answered, the maximum number not to exceed seven.

((b) and (c) subject to confirmation)

sections b and c were adopted, the changes to take effect in 1906.

Revision of Scale of Fees for Examiners.

The following motion of which due notice had been given was submitted by Mr. Logeman:-

That the Scale of Fees for Examiners be revised.

The motion was adopted and the following Committee appointed to deal with the matter:

Sir Abnerombri Smith, Mr. Ritchie, Prof. G. Scott, Mr. J. Martin, Dr. Flint and the mover.

Ad. Lemden Degree Regulations.

The following motion of which due notice had been given was submitted by Dr. Beck and negatived:-

That "one-half" be substituted for "two-thirds" in line 2, §4 of the Regulations for the admission of graduates of other Universities (Calendar, p. 61).

Commission Appointed.

The following motion submitted at the last meeting by Dr. Gregory was brought forward:-

That in the opinion of this Council, the time has arrived when, in the interests of Higher and Technical Education in South Africa, an Inter-Colonial Commission should be appointed to consider this subject in all its bearings, with a view to ascertaining the best steps that can be taken for placing it on a sounder, wider, and more enduring basis.

Further, that the Vice-Chancellor be requested to convey this resolution to the Cape Government, with an expression of the hope that it will take into consideration the best method of securing the co-operation of the Governments of the several South African Colonies in the appointment of such a Commission; and further, that in the event of such a Commission being appointed this Council shall be adequately represented.

The Registrar stated that owing to the holidays and pressure of examination work the Committee appointed at the last Council Meeting to report upon the question had not yet been able to meet.

Contravention of Examination Regulations.

The Registrar reported that cases of contravention of the examination Regulations had taken place at King Williams Town (Special Centre) and at Simonstown. In connection with the former case an enquiry had been held by Dr. Holbe who submitted the following Report:-

As the result of my enquiry into the case of numbers 969, 970 & 971 in the recent Intermediate, I beg to inform you that number 970 confessed with shame & sorrow that she copied during the examination: in some of the papers she copied from 969, & in one from 971. 971 was not aware of having been copied from, but 969 admits that she allowed pity for her companion to overcome her sense of honour, and permitted the copying to go on. Both the candidates concerned authorise me to make the fullest apologies to the University for their wrong-doing.



Personally I believe that they did not fully realise the gravity of the offence, but they do not urge this consideration, nor do I: it is sufficient that they ought to have realised it.

Perhaps I may be allowed to add that it is a pity the candidates were (quite unnecessarily) placed so closely together as to admit the temptation.

Hoping that, whatever action the Council takes, it will not be such as to discourage their future studies,

I am yours faithfully F.C. Kolbe.

After discussion it was resolved to deal with the candidates all of whom had reached the prescribed standard for passing in the following way:-

No. 971 (Justina Wahlsböck) to be allowed to pass.

No. 969 (Mary Lucy kaltenstadler) to be disqualified for 1903, but to be allowed to appear again in 1904.

No. 970 (Anna Sporer) to be disqualified for 1903, and not to be allowed to again present herself for examination until 1905.

In the case of Simonstown candidates an enquiry had been held by Sir Abercrombie Smith, Chairman of the Committee of Examiners, who submitted the following report.

"It is absolutely certain that there has been extensive copying, and my investigation this afternoon satisfies me that 988 is entirely innocent and that 989 is guilty. But in the absence of the Commissioner, Rev. Mr van der Linde and through my inability to see 989 who is dangerously ill, I have been unable to ascertain exactly how the fraud was committed.

I attach a statement by the Acting Commissioner, Rev Mr J. McAllister and satisfied myself that the copying did not take place in the examination room. The Commissioner was ill in bed, and, with the exception of two papers - Botany and German - which were answered before the Commissioner in the evening, all the papers were dealt with by the Acting Commissioner who immediately after the close of each sitting delivered the candidates' answers at the Commissioner's house where they were usually received by a servant.

It appears however that 989 is very friendly with the Commissioner's family and was a daily visitor to the house.

I am therefore compelled to conclude that in some

18.2.04

## Report

re

Intermediate Candidates 988 &amp; 989

— . —

It is absolutely certain that there has been extensive copying, and my investigation this afternoon satisfies me that 988 is entirely innocent and that 989 is guilty.

But in the absence of the Commissioner Rev. Mr Van der Lingen & through my inability to see 989 who is dangerously ill, I have

after the close of each sitting, delivered  
the candidates answers at the  
Commissioners home where they were  
usually received by a servant

It appears however that 989  
is very friendly with the Comm<sup>r</sup>  
family and was a daily visitor  
to the house.

I am therefore compelled to con-  
-clude that in some way as yet not  
ascertained 989 obtained access to  
his own answers & those of 988 after

They were delivered at the Com  
 house, that he re wrote some of  
 his own answers & copied from  
 988<sup>d</sup> - answers in a fresh book  
 which he substituted for his  
 original answers.

C. Mercurio Smith

---

188

Cape Town,

been unable to ascertain exactly  
how the fraud was committed

I attach a Statement by the Act<sup>g</sup>  
Commissioner Revd. J. McAllister  
of satisfied myself that the copying  
did not take place in the Exam<sup>n</sup>-room

The Commissioner was ill in bed &  
with the exception of two papers - Botany  
and German - which were answered  
before the Commissioner in the evening  
all the papers were dealt with by the  
Acting Commissioner, who immediately

39

way as yet not ascertained 989 obtained access to his own answers and those of 988 after they were delivered at the Commissioner's house, that he rewrote some of his own answers and copied from 988's answers in a fresh book which he substituted for his original answers."

In view of this report it was resolved to completely exonerate 988, to disqualify 989 for this year and to reconsider his case with a view to any further action which may be found necessary pending further enquiries to be made by the Chairman.

Thos: Munn  
20/5/04



HONOURS.

The Vice-Chancellor, at the outset, paid a fitting tribute to the memory of the late Rev. J. H. Neethling, who died before proceeding with the business of the day...

VICE-CHANCELLOR'S ADDRESS.

The Vice-Chancellor then rose amid applause to deliver his address. In the view of the address (to which we do not speak to be recorded) we refer to the substance of the announcements. With reference to the honours, I would like to make a few remarks...

A.—PHYSICS.

- Larry Stapleton, South African College, Cape Town.
1. Johannes van Selkwyk, Victoria College, Stellenbosch.
2. Percy van der Merwe, South African College, Cape Town.

B.—CHEMISTRY.

- 1. Johannes van Selkwyk, Victoria College, Stellenbosch.
2. Percy van der Merwe, South African College, Cape Town.

C.—BOTANY.

- Karl Bremer, Victoria College, Stellenbosch.

PASS.

- Johannes van Selkwyk, Victoria College, Stellenbosch.
Frederik Johannes Kalk, Victoria College, Stellenbosch.
Ella Louisa de Rooy, Victoria College, Stellenbosch.

2.—DEGREE OF MASTER OF ARTS.

DEPARTMENT V.

EXPERIMENTAL AND NATURAL SCIENCE.

A.—PHYSICS.

- William Hendrik Logeman, B.A., South African College, Cape Town.

B.—CHEMISTRY.

- Arthur Brassey Webb, B.A., South African College, Cape Town.

3.—DEGREE OF BACHELOR OF SCIENCE.

A.—PHYSICS.

- William Hendrik Logeman, B.A., South African College, Cape Town.

B.—CHEMISTRY.

- Arthur Brassey Webb, B.A., South African College, Cape Town.

UNDER SPECIAL REGULATIONS.

- Shepherd Braithwaite Kitchin (B.A., Cape, LL.D. Cambridge), Kimberley.
Hilmaris Reitz (B.A., Cape, LL.D., Amsterdam), Pretoria.

4.—DEGREE OF BACHELOR OF SCIENCE.

DEPARTMENT OF MINING ENGINEERING.

- Victor van Marthensdorp.
William Gilbert Arnold.
Robert Tobias de Villiers.
Fraser Young.

5.—GRADUATES OF OTHER UNIVERSITIES.

ADMITTED TO AN EUNDEM DEGREE.

1.—DEGREE OF B.A.

- Alexander Stanley Bevan, B.A., Cambridge.
The Hon. George Augustus Edwards, B.A., Oxford.
Henry Clapperton, B.A., Oxford.
Frederick Ernest Beale, B.A., Oxford.
Robert Crawford Rendell, B.A., London.
Reginald Bradford Streeten, B.A., Oxford.

learning, and that should be entrusted with duties and responsibilities to some conferred upon any person of deep gratification. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

examination, a change in the character of the teaching colleges may be made, or may indeed become inevitable. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

Universities—a fear that new universities may arise and grow at the expense of another. I have heard that in some instances, a person is personally acquainted, but I have also seen his fair prospects. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

We who are engaged in starting an embryo University—a thing which we have never done before. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

A WORD OF THANKS. The Vice-Chancellor showed a few words of acknowledgments to the kind and generous offer of the late Professor H. C. Shaw. He remarked that they were very much indebted to the Professor for his kind and generous offer of the late Professor H. C. Shaw. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...

It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification. It is to be hoped that in building up the science of deep gratification, it is to be hoped that in building up the science of deep gratification...



CONFIDENTIAL.

# University of the Cape of Good Hope.

---

## QUARTERLY COUNCIL MEETING :

20th and 21st May, 1904.

---

## SECOND NOTICE.

University Offices,  
Huguenot Memorial Buildings,  
Queen Victoria Street, Cape Town,  
14th May, 1904.

The next Quarterly Meeting of the Council will be held on Friday, 20th May, at 2 p.m., resuming if necessary on Saturday, 21st May, at 10 a.m.

A. A. ELLIOTT,

Acting Registrar.

[OVER.]

## BUSINESS:

1. Minutes to be read.
2. Miscellaneous.
3. Letter from the Secretary of Convocation announcing the election of Professor Ritchie as President of Convocation.
4. Letter from the President and Secretary of Convocation reporting the rejection by Convocation of a Motion with reference to the representation of the University in Parliament.
5. Letter from Mr. Justice Wessels suggesting an alteration in the Text Books prescribed for the Preliminary and Final LL.B. Examinations.
6. Report of the Vice-Chancellor's Committee.

The Committee reports :—

1. That it has examined and adopted the Draft Parliamentary Report.
2. That it has admitted the following persons to the examinations specified :—
  - (a) To the Intermediate Examination :—  
Edith Isabell Cook.
  - (b) To the B.A. Examination :—  
Johannes H. H. Wamelink.  
Karl Stegmann (conditionally).
  - (c) To the Law Certificate Examination :—  
Joseph Barnard Shacksnovis.

## 7. Report of the Literature Committee.

A. The Committee submits the following recommendations :—

- (a) That History be added as a sixth compulsory subject in the list of subjects for the B.A. Examination.
- (b) That there be an Honours School in History at the B.A. Examination, and that no one be admitted to it who has not passed in History at the Intermediate Examination.
- (c) That the following be the scheme for the Examination in History at the Honours B.A. Examination :—
  1. Colonization (a) in general, (b) British Colonial Policy.
  2. History of South Africa.
  3. A Period of Modern European History (to be fixed from time to time).
  4. Elements of Political Science and of Economic History.
  5. An Essay.
 (Five Papers).

B. The Committee reports further that it has referred the question of the Syllabuses in History for the other Examinations from the School Elementary upwards to a sub-committee consisting of Professors J. Edgar, Fremantle, Godée-Molsbergen, Loveday and Viljoen, Dr. Muir, Mr. Merriman and Rev. Dr. Walker.

## 8. Report of the Science Committee.

A. The Committee submits the following recommendations :—

1. That the regulations with regard to the First Paper at the B.A. Honours Examination in each of the subjects Physics, Chemistry, Geology, Botany and Zoology (Calendar p. 141, &c.) be amended to read as follows :

“In this paper a choice of *ten* questions will be given, of which not more than *six* are to be answered.”

2. That the same regulation be applied to each of the three papers in the Honours Examination in Mathematics.
3. That the regulation as to choice of questions in the second paper of the above five subjects be left unaltered.
4. That the minimum required for a scholarship in the Department of Mathematics be 480 out of the total Honours marks, and not 40 per cent. as in the existing Regulations.

B. The Committee further reports that it has referred the questions of the syllabuses in Botany and Zoology to the following sub-committee: Professors Broom, Dendy and Pearson, Miss Duthie, Dr. Gilchrist, Dr. Marloth, Dr. Purcell and Dr. Schönland.

## 9. Preliminary Report of the Combined Literature and Science Committees with reference to the M.A. Regulations.

The Committee reports that considerable progress has been made in considering the M.A. Examination Scheme, but that a detailed report is deferred until the Committee has completed its work.

## 10. Report of the Survey Committee.\*

## 11. Report of the Matriculation Committee.\*

## 12. Report of the Geometry Committee.\*

## 13. Notice of Motion :--

By DR. GREGORY :—

That in the opinion of this Council, the time has arrived when, in the interests of Higher and Technical Education in South Africa, an Inter-Colonial Commission should be appointed to consider this subject in all its bearings, with a view to ascertaining the best steps that can be taken for placing it on a sounder, wider, and more enduring basis.

Further, that the Vice-Chancellor be requested to convey this resolution to the Cape Government, with an expression of the hope that it will take into consideration the best method of securing the co-operation of the Governments of the several South African Colonies in the appointment of such a Commission; and, further, that in the event of such a Commission being appointed this Council shall be adequately represented.

The Committee appointed to consider the above Motion submits the following recommendations :—

1. That the time has arrived when the question of Higher and Technical Education must be dealt with afresh.
2. That it is desirable to refer this question to an Inter-Colonial Commission, or, failing this, to a Commission appointed by the Government of the Cape Colony.
3. That the Commission should enquire into the possibility and desirability of establishing a federal University with affiliated colleges.

\* See Separate Papers.

41d

14. Report of the Committee appointed to deal with the publication of the Examiners' Reports.°

15. Report of Examiners Selection Committee.°

16. Notices of Motion :—

1. BY MR. FREMANTLE :—

That all Intermediate, B.A. and M.A. Examinations be conducted by committees consisting in each case of an external examiner, and the Professors of the subject of examination at all colleges earning the higher grants under the extension of the Higher Education Act, 1902; that the external examiner set the papers, which shall be revised by the committee; that the external examiner be chairman of the committee with a vote and a casting vote, and that no Professor examine the papers of his own students.

2. BY PROFESSOR BEATTIE :—

(a) That in and after December, 1906, the subjects for the Intermediate Examination be divided into two groups :—

A. English.	B. Mathematics.
Dutch.	Dynamics.
Latin.	Physics.
Greek.	Chemistry.
German.	Botany.
French.	Zoology.
History.	Geology.

(b) That the candidates for the Intermediate Examination may not take more than *six* of these subjects, at least two to be taken from each group.

(c) That a committee be appointed to make any changes in the regulations, marks, and syllabuses which may be deemed necessary for the proper carrying out of (a) and (b).

17. Letter from Mr. E. R. Roper declining to accept the Maynard Scholarship.

18. Application from Miss A. B. Marchand to be allowed to hold her scholarship while taking the Honours course in Philosophy at the South African College.

19. Application from Mr. J. van Schalkwijk to be paid the first instalment of his scholarship before leaving South Africa with a view to commencing his studies at Cambridge in October.

20. Contravention of examination regulations: further report of the Chairman.

21. Letter from the Secretary to the Law Department of the Transvaal enquiring whether the Council is willing to conduct a Transvaal Civil Service Higher Law Examination this year, the papers to be the same as those set for the corresponding Cape Examination, with the substitution of Transvaal Statute Law in the place of Cape Statute Law.

20th May 1904

20th and 21st May, 1904.

A meeting of the University Council was held on these days.

attendance

There were present

The Vice-Chancellor (in the chair)  
The Pro Vice-Chancellor

Prof. Beattie  
Rev. A. P. Bender  
Mr. Clark  
Rev. Canon Espin  
Rev. Dr. Flint  
Mr. Fremantle  
Right Rev. Dr. Gibson  
Dr. Gregory  
Prof. Hahn  
Rev. W. O. Jenkins  
Rev. Dr. Kolbe  
Prof. Logeman

Prof. Mackenzie  
Prof. Martin  
Rev. Dr. Marsais  
Prof. Morrison  
Prof. Nuttall  
Prof. Ritchie  
Hon. W. P. Schreiner  
Hon. Sir C. Abucrombie Smith  
Prof. Volquin  
Rev. Dr. Walker  
Mr. Whetton

Minutes

The minutes of the previous meeting were read and confirmed.

Letter from Secy. Sec. of Prince of Wales.

A letter from the Private Secretary of the Prince of Wales was read, thanking the Vice-Chancellor for papers sent and expressing pleasure at the prosperity of the University.

Leave of absence.

A letter was read from Sir Rescitt Barry, asking that his unavoidable absence from two previous meetings might be condoned. The request was granted.

Wisconsin Jubilee.

A letter was read from the President of the University of Wisconsin offering to provide entertainment for any representative of the University who might be present at the Celebration of the Jubilee of the Wisconsin University.

Eligibility of Mr. Harvey for Chalmers Memorial Prize.

A letter from Mr. S. Harvey was read enquiring whether he was eligible to compete for the Chalmers Memorial Prize, entries for which close on July 30th. As Mr. Harvey had passed the Intermediate in June 1900 it was decided to allow him to compete.

20th May 1902

Application for exemption from Mod. languages in B.Sc degree

A letter from Mr. J. L. van Eysen was read stating that he had obtained the Diploma for Mining Engineering, had passed the matriculation examination in all subjects including Dutch and German but had not passed an examination in these languages at any higher stage, and requesting that he might be granted the B.Sc. degree in view of special experience gained as sub-manager of a mine. It was decided that the request be not granted.

Fee for examination of Cornwall & York Prize

The question of the amount of the fee, if any, for the Examiners who had reported upon the Dissertation for the Cornwall and York Prize was referred to the Committee appointed at the February meeting of Council to deal with Examiners' Fees.

Use of College Laboratories

The following letter from the Secretary of Senate of the South African College was read.

13<sup>th</sup> May 1904

To the Acting Registrar  
University of the Cape of Good Hope

Sir

I am instructed by the Senate of the South African College to forward to you the resolution with regard to the use of the College Laboratories for University Examinations, adopted by the Senate and confirmed by the Council of the College:-

"That the South African College Laboratories be regarded as University Laboratories for the purposes of Examinations; that at least one person on the regular staff of each laboratory of the College be recognised as a University officer for the time being and be paid for his services; that the University pay for the use of the Laboratories a capitation fee, so much per student, with a minimum; that the University also consider itself responsible for material damage."

I am also instructed that you will bring this resolution before the University Council.

I am  
Yours faithfully  
Lawrence Crawford  
(Secretary of Senate)

It was decided to circulate the letter among the Colleges under the Higher Education Act in order to ascertain their views and whether they are willing to take part in the Scheme; the replies to be submitted to a Committee consisting of the Professors of the Departments

20th May, 1874

concerned, who will report to the Council.

Confirmation of resolutions.

The Resolutions dealing with the Regulations for Scholarships and the Philosophy papers at the B.A. examination passed at the last meeting of Council were confirmed.

Deputation on Civil Service Exam.

At the request of the Pro-Vice-Chancellor Professor Fremantle reported that a Deputation had waited upon the Premier with a view to the appointment of a member of Council upon a Special Commission which was about to be appointed to investigate the question of entrance to the Civil Service and kindred subjects. The Deputation had received a cordial welcome and the Premier had promised that if there were room on the Commission, as there probably would be, a member of Council or other educational authority would be placed thereon.

Report of Building Com.

The Report of the Building Committee was submitted reporting that it had examined the fresh plans submitted by Mr Hawke, and recommended that they be adopted by Council.

Dr Gregory further reported that he had on behalf of the Building Committee signed a broker's note accepting the sale of Dr Barrow Dowling's property at £8000 subject to ratification by Council within fourteen days.

After discussion it was decided that the Building Committee, with the addition of Mr Schreiner as a member, make full investigations into the questions raised at this meeting and report to an adjourned meeting of the Council to be held on the 28th May.

Minutes of Convocation.

A letter was read from the Secretary of Convocation announcing that Professor Ritchie had been elected as President of Convocation in the place of the Rev. Professor Walker, whose term of office had expired.

Refutation by University of a motion in form of Parliamentary representation.

A letter was read from the President and Secretary of Convocation reporting that at a meeting of Convocation held on the 9th April a resolution affirming the desirability of the direct representation of the University in Parliament was submitted to Convocation and rejected by a majority of votes.

20th May, 02

*Resolution*  
A letter from the President of the University of Wisconsin was read offering to provide for the entertainment of a representative of the Council should he be present at the celebration of the Jubilee of the Wisconsin University.

*Letter from Mr Justice Wessels re Law Exams.*

A letter from Mr Justice Wessels was read recommending certain alterations in the text-books recommended for the Preliminary and Final L.L.B. examinations.

The letter was referred to the Law Committee for report.

*Report of Vice-Chancellor's Com<sup>t</sup>*

The following Report of the Vice-Chancellor's Committee was submitted and adopted.

The Committee reports :-  
1. That it has examined and adopted the Draft Parliamentary Report.  
2. That it has admitted the following persons to the examinations specified :-  
(a) To the Intermediate Examination :-  
Edith Isabell Cook.  
(b) To the B.A. Examination :-  
Johannes H. H. Waneliak,  
Karl Stegmann (conditionally).  
(c) To the Law Certificate Examination :-  
Joseph Barnard Shacknovis.

*Report of Literature Com<sup>t</sup>  
History at the B.A. Examinations*

The following Report of the Literature Committee was submitted :-

A. The Committee submits the following recommendations :-  
(a) That History be added as a sixth compulsory subject in the list of subjects for the B.A. Examination.  
(b) That there be an Honours School in History at the B.A. Examination, and that no one be admitted to it who has not passed in History at the Intermediate Examination.  
(c) That the following be the scheme for the Examination in History at the Honours B.A. Examination :-  
1. Colonization (a) in general, (b) British Colonial Policy.  
2. History of South Africa.  
3. A Period of Modern European History (to be fixed from time to time).  
4. Elements of Political Science and of Economic History.  
5. An Essay.  
(Five Papers).  
B. The Committee reports further that it has referred the question of the Syllabuses in History for the other Examinations from the School Elementary upwards to a sub-committee consisting of Professors J. Edgar, Fremantle, Godé-Molsbergen, Loveday and Viljoen, Dr. Muir, Mr. Merriman and Rev. Dr. Walker.

In connection therewith a letter from Professor Kidd was read requesting that the Council refer the matter back to the Literature Committee.

After discussion it was decided that the whole of A be referred back to the Committee for reconsideration with instructions to the effect that History be added as a subject in the list of subjects for the B.A. examination but that the number of subjects to be taken by any candidate be restricted to five.



20th May 1904

History Sub-Com<sup>tee</sup>Report of  
Science Com<sup>tee</sup>

With reference to B. It was decided that the sub-committee consist of the following: Professors J. Edgar, Farnham, Josie Mosbergen, R. Steffen and Walker, Dr. Muir, Mr. Whetton, Mr. A. H. V. Bourne, Mr. C. D. Hope and Mr. Way.

The following Report of the Science Committee was adopted with the addition of the name of Miss Stebbins to the sub-committee.

A. The Committee submits the following recommendations:—

1. That the regulations with regard to the First Paper at the B.A. Honours Examination in each of the subjects Physics, Chemistry, Geology, Botany and Zoology (Calendar p. 141, &c.) be amended to read as follows:

"In this paper a choice of ten questions will be given, of which not more than six are to be answered."

2. That the same regulation be applied to each of the three papers in the Honours Examination in Mathematics.
3. That the regulation as to choice of questions in the second paper of the above five subjects be left unaltered.
4. That the minimum required for a scholarship in the Department of Mathematics be 480 out of the total Honours marks, and not 40 per cent. as in the existing Regulations.

- B. The Committee further reports that it has referred the questions of the syllabuses in Botany and Zoology to the following sub-committee: Professors Broom, Dendy and Pearson, Miss Duthie, Dr. Gilchrist, Dr. Marloth, Dr. Purcell and Dr. Schönland, Miss Stebbins.

Report of Joint  
Committee.

The following Preliminary Report of the Combined Literature and Science Committees with reference to the M.A. Regulations was submitted and adopted:

The Committee reports that considerable progress has been made in considering the M.A. Examination Scheme, but that a detailed report is deferred until the Committee has completed its work.

Report of Survey  
Com<sup>tee</sup>

The following Report of the Survey Committee was submitted:

The Committee submits the following recommendations:

1. That the scheme for the Examination in the Theory of Land-Surveying as recommended by the conference of the Surveyors General and this Committee be adopted.
2. That the number of papers be seven, viz.:—
  - (1). Arithmetic.
  - (2). Algebra and Differential Calculus.
  - (3). Geometry.
  - (4). Plane Trigonometry and Mensuration.
  - (5). Spherical Trigonometry and Astronomy.
  - (6). Co-ordinate Geometry and the Theory of Surveying.
  - (7). Optics and Heat. (Theoretical Examination two hours, Practical Examination four hours).
3. That the question of the centres for holding the examination in Practical Physics be decided by Council.
4. That in view of the proposed acceptance by the Surveyors General of a certificate from the University granting exemption from the Theoretical examination to candidates who are deemed to have passed an equivalent examination in any other British Colony, the question of considering all applications for exemption be referred to a permanent Survey Committee of the Council.

#### SURVEY EXAMINATION SCHEME.

At a Conference between the Surveyors General of the South African Colonies and the Survey Committee of the University Council held on February 24th, 1904, the following Resolutions were passed:—

1. That this Conference is of opinion that the examination of candidates for the land surveyor's licence within the British Colonies of S. Africa be entrusted to and conducted by the Cape University or by some other incorporated examining body appointed by the Governments of the several Colonies.
2. Candidates before admission to the examination in the Theory of Surveying shall either have passed the Matriculation Examination of the Cape of Good Hope or in that examining body that they have already passed an examination proving an equivalent degree of general knowledge, provided, however that this rule shall not take effect until after the examination in 1905.
3. That the professional examination for the Diploma shall consist of two parts:—
  - (a) An examination in the Theory of Land Surveying.
  - (b) An examination in the Practice of Land Surveying.

20th May 20

4. That the Syllabus of the Theoretical Examination be as follows:—

- (1) **ARITHMETIC.**—The paper to include the parts of the subject usually dealt with in the more advanced text books, but excluding parts relating to more abstract theory, such as "Scales of Notation," "Duodecimals," &c. Candidates will be assumed to have a knowledge of the metric system of units. Particular attention should be paid to abridged methods of approximate computation. The use of logarithmic tables will be allowed.
- (2) **ALGEBRA.**—Up to and including the Binomial Theorem, the progressions, theory of logarithms. Problems involving permutations and combinations, equations of the first and second degree. Graphical methods for the approximate solution of equations. Elements of the theory of probabilities. Practice and elementary theory of the method of least squares.

[The limitations of the last two sections of the subject are to be more clearly defined.]

- (3) **GEOMETRY.**—The subject matter of Euclid Books I—IV, VI and XI, but not necessarily with strict adherence to Euclid's method and order. Mechanical drawing to scale.
- (4) **PLANE TRIGONOMETRY.**—Angular measurement and the comparison of different angular units (excluding grades).

Definition of and relations between trigonometrical ratios of angles less than  $\pi/4$  and  $\pi/3$ . Angles with given trigonometrical ratios.

The trigonometrical ratios of the sum and difference of angles.

Application of logarithmic tables to trigonometrical computation.

Solution of triangles, calculation of heights and distances (simple cases).

(No question will be set regarding the radii of the associated circles of a triangle.)

(Candidates are expected to be especially familiar with the solution of problems regarding heights and distances, and with the use of mathematical tables.)

The papers in §§ 3 and 4 above shall in each case consist of two parts, one dealing with book work, and the other with the application of the same to problems, and candidates shall be required to satisfy the examiners in both parts of each paper.

- (5) **SPHERICAL TRIGONOMETRY AND ASTRONOMY.**—Geometry of the sphere. Great and small circles on a sphere. Spherical triangles and their fundamental properties. Solution of spherical triangles. Spherical excess. Variation of parts of triangles, and the application of spherical trigonometry to astronomical problems connected with the determination of Latitude, Time, Longitude and Azimuth.
- (6) (a) **CO-ORDINATE GEOMETRY** AND (b) **THE ELEMENTS OF THE THEORY OF SURVEYING.**

(a) Rectangular Co-ordinates. The Geometry of the straight line and circle treated by co-ordinate methods (not including methods of abridged notation).

(b) On the general lines of the Report of the Geodesy Committee of the University. (See separate paper.)

- (7) **MENSURATION.**—Calculation of the areas of rectilinear figures from the co-ordinates of their vertices, or from other data. The approximate determination of areas with curvilinear boundaries.
- (8) **DIFFERENTIAL CALCULUS.**—Fundamental definitions. Differentiation of simple functions. Determination of maximum and minimum values, and simple application to geometry of curves.

- (9) **OPTICS AND HEAT.**—The elements of Optics and Heat with practical tests such as the following:

Readings of scales and verniers, the use of micrometer microscope; determination of the angular values of the division of spirit levels, use of the optical bench and determination of foci of optical combinations, the practical construction of thermometers and barometers, and the determination of their errors, the determination of the relative co-efficients of expansion of metallic scales, and the errors of graduation of circles and scales.

N.B.—The Practical examination will be so arranged as to test the student's thorough knowledge of his subject, and his capacity to adapt apparatus placed at his disposal to the desired end.

6. That the following standard of marks be adopted:  
30 per cent. to be obtained on each paper.  
50 per cent. " " on the aggregate.
7. That the examination in the Theory of Land Surveying consist of two parts, candidates to be allowed to take the parts simultaneously or Part II at a date subsequent to Part I, such sub-division being left in the hands of the examining body.

At a meeting of the Surveyors General on March 1st, it was resolved:

"That the examination of candidates in the Practice of Land Surveying shall be conducted by an Examination Board, consisting of the Surveyors General of the different States in S. Africa or their deputies.

# REPORT OF THE GEODESY COMMITTEE.

47a

[SUBMITTED, 15TH MAY, 1903.]

(See § 4. (6) of Geometry Report)

## 14.—SURVEYING :—

### CONSTRUCTION AND ADJUSTMENT OF THE FOLLOWING SURVEYING INSTRUMENTS.

The Steel Tape, the Prismatic Compass, the Theodolite (Transit and Everest), the Sextant, the Artificial Horizon, the Dumpy-level, the Y level and the Barometer.

### SURVEYING OPERATIONS.

General principles of surveying.

Methods of measuring base lines by means of steel tapes with the required degree of accuracy.

The various corrections to be applied to the results of base measurement, viz :—

Corrections for reducing the length of a steel tape to a correct standard of measure ; corrections for temperature, pull and sag of tape ; correction for inclination of base line to the horizon ; reduction to sea level.

Reduction of a broken base to a straight line.

The precautions to be adopted in measuring horizontal angles with a theodolite, for the purpose of eliminating errors due to :—

Imperfect adjustment of collimation ; imperfect adjustment of the horizontal axis of the telescope ; inequality in the height of the Ys ; imperfections in pivots ; error of graduation of horizontal limb.

Method of traversing. Reduction of traverses.

Methods of overcoming obstacles in surveying.

Division of areas under various conditions.

Surveying by triangulation.

General system of triangulation ; method of gradually extending a base line by means of well-conditioned triangles ; reduction of angles or bearings to the centre of a station ; calculation of spherical excess.

*Problems* which enable a surveyor to determine the position of points in the field relative to inaccessible given points, by the measurement of angles at the points to be determined.

Given three points, to determine a fourth point by measuring at this point the three bearings to the given points. (*Snellius's Problem*).

Given two points A and B, to determine two other points P and Q, by measuring at each of the latter the bearings of the remaining three points. (*Hansen's Problem*).

Given three points A, B and C, to determine two other points P and Q, by measuring at the latter the bearing of one from the other, and at each of them the bearings of two of the given points.

Given four points, A, B, C and D, to determine two points P and Q, by observing at P the bearings of A, B, and C, and at Q the bearings of P, C, and D.

Given two points A and B, to determine three other points, P, Q, and R, by observing at P, the bearings of A, Q and R, and at Q those of B, P and R, and at R those of A, B, P and Q. (*Jurisch's Problem*).

Such variations of the above problems as may suggest themselves.

The determination of vertical heights :—

By the spirit level ; by Trigonometric methods ; by the Barometer.

48  
20th May 01

It was decided to adopt sections 1, 2 and 4 of the Report and to postpone consideration of centres for holding examinations in practical physics (section 3). With reference to 4 it was decided that the standing Survey Committee consist of the following: Sir C. Abercrombie Smith, Professors Beattie, Mackenzie Martin and Morrison.

The question as to the division of the papers referred to in §(4) of the scheme and the proportion of marks to be assigned to the theoretical and practical physics papers respectively, §(9), as well as the division of the whole examination into two parts, §7, were referred to the same Committee.

It was further decided that the whole Report be referred back to the original Survey Committee for further consideration with a view to the recommendation of any desirable alterations for submission to Council.



Report of Matric.  
Com. to

of Algebra and  
Arithmetic.

The following Report of the Matriculation Committee was submitted; and in conjunction therewith a letter from Prof. Crawford protesting against the proposed combination

1. With regard to Mr. Barnett's proposals the Committee reports that in its opinion the time has not yet arrived for handing over the Matriculation Examination in part to the schools.

2. The Committee submits the following recommendations:-

A. That the subjects for the Matriculation Examination be as follows:-

(1) English (two papers)

(2) Dutch

French } any one of these  
German } for Modern Languages  
Hebrew  
Sesuto

(3) Elementary Mathematics (two papers)

(a) Arithmetic and Algebra.

(b) Geometry.

(4) Latin (one paper)

(5) Either (a) Elements of Physics and Chemistry

or (b) Elements of Biology (Botany and Zoology)

(6) Either History or Greek (one paper).

will be given.

In protesting against this proposal which is to come before the Council in May I am only repeating a protest I made on the 11th September 1900, against the same proposal.

I am

Yours faithfully  
Lawrence Crawford  
(Professor of Pure Mathematics  
at the South African College)



South African College,  
Cape Town.

28<sup>th</sup> April 1904

To the Acting Registrar

University of the Cape of Good Hope

Dear Sir

Re Matriculation Examination

I write to enter a protest against the proposal to abolish the arithmetic paper in the above examination and substitute for the algebra paper one in arithmetic and algebra. As a teacher of students after they have passed the examination, I consider that the subject of algebra is most important in its bearing on their future progress in mathematics and sincerely hope that a three hours' paper will always be given to this subject. I do not think it would be advisable to put arithmetic into a paper with geometry and I trust that if arithmetic is retained, a paper on it alone will

20th May 04.

B. That the marks obtainable in each paper be 300 except in English and Mathematics in which the marks shall be 200 for each paper.

C. That there be no set books for the Classical papers.

D. That a Leaving Certificate Examination be instituted following as far as possible the Matriculation Examination, the subjects of the examination to be as follows:-

(a) Compulsory Subjects:-

- (1) English (two papers).
- (2) Arithmetic and Algebra. (one paper).
- (3), (4) and (5) Three subjects selected from the following list, not more than two to be taken from any one group.

Group I. Latin, Greek, Dutch, French, German, Haflir, Sesuto.

Group II. History.  
Physical and General Geography.  
Book-keeping.  
Drawing, Freehand and Model.

Group III. Geometry.  
Elements of Physics and Chemistry.  
Elements of Biology (Botany and Zoology).  
Elementary Agricultural Science.

(b) Optional Subject:-

Any other subject selected from the above list.

In view of the fact that the Committee wished to bring the scheme before the notice of the meeting of the Teachers Association to be held in June it was decided to defer consideration of the Report till next Council Meeting.

The following Report of the Geometry Committee was submitted and adopted:-

# REPORT OF THE GEOMETRY COMMITTEE.

[Submitted 20th May, 1904.]

The Committee recommends the adoption of the following Syllabuses in Geometry for the Examinations specified, the new scheme to come into force on the following dates:—

For the School Elementary	in 1905.
For the School Higher	" 1906.
For the Matriculation	" 1908.

## I. School Elementary.

The Paper in Geometry shall contain questions on Practical and on Theoretical Geometry, but chiefly on the former.

The questions on Practical Geometry shall be set on the constructions contained in the annexed Schedule A, together with easy extensions of them.

In cases where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate shall provide himself with a ruler graduated in inches and tenths of an inch, and in centimetres and millimetres, a set square, a protractor, and compasses furnished with a hard pencil point. All figures should be drawn accurately in pencil. Questions may be set in which the use of the set square or of the protractor is forbidden.

The questions in Theoretical Geometry shall consist of theorems contained in the annexed Schedule B, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition shall be accepted which appears to the examiners to form part of a systematic treatment of the subject; the order in which the theorems are stated in Schedule B is not imposed as the sequence of treatment.

In the proof of theorems and deductions from them, the use of hypothetical constructions shall be permitted.

### SCHEDULE A.

- Construction and measurement of straight lines and of angles.
- Construction of a circle with a given centre and radius of a given length.
- Bisection of angles and of straight lines.
- Construction of perpendiculars to straight lines.
- Construction of a triangle with sides of given length.
- Construction of an angle equal to a given angle.
- Construction of parallels to a given straight line by use of a set square.
- Other simple cases of construction of triangles from different data and measurement of various parts.
- Candidates should be practically acquainted with the forms of the cube, the rectangular block, the sphere, the cylinder, and the cone.

### SCHEDULE B.

Fundamental notions of straight line, angle, straight angle, right angle, parallel straight lines, triangle, circle.

#### ANGLES AT A POINT:—

If a straight line stands on another straight line the sum of the angles so formed is equal to two right angles, and conversely.

If two straight lines intersect, the vertically opposite angles are equal.

#### PARALLEL STRAIGHT LINES:—

When a straight line cuts two other straight lines, if

- (i.) a pair of alternate angles is equal,
- or (ii.) a pair of corresponding angles is equal,
- or (iii.) a pair of interior angles on the same side of the cutting line is together equal to two right angles,

then the two straight lines are parallel, and conversely.

Straight lines which are parallel to the same straight line are parallel to one another.

If two straight lines are respectively parallel to two other straight lines, the corresponding angles at the points of intersection are equal.

The angles of a triangle are together equal to two right angles.

The exterior angle of a triangle is equal to the two interior and opposite angles.

#### CONGRUENCY:—

If two triangles have two sides of the one equal to two sides of the other, and also the angles contained by these sides equal, the triangles are congruent.

If two triangles have two angles of the one equal to two angles of the other, each to each, and also one side of the one equal to the corresponding side of the other, the triangles are congruent.

If two sides of a triangle are equal, the angles opposite to these two sides are equal, and conversely.

## II. School Higher Examination.

The paper in Geometry shall contain questions on Practical and on Theoretical Geometry.

The questions on Practical Geometry shall be set on the constructions contained in the annexed Schedule A, together with easy extensions of them. In cases where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate shall provide himself with a ruler graduated in inches and tenths of an inch, and in centimetres and millimetres, a set square, a protractor, and compasses furnished with a hard pencil point. All figures should be drawn accurately in pencil. Questions may be set in which the use of the set square or of the protractor is forbidden.

The questions in Theoretical Geometry shall consist of theorems contained in the annexed schedule B, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition shall be accepted which appears to the examiners to form part of a systematic treatment of the subject; the order in which the theorems are stated in Schedule B is not imposed as the sequence of treatment.

It is preferred that as far as possible proofs of theorems should be based on first principles and long chains of dependent propositions should be avoided; a proposition should be quoted by its enunciation or a brief suggestion of that, not by its number in any text book.

In the proof of theorems and deductions from them the use of hypothetical constructions shall be permitted.

### SCHEDULE A.

Practical work of the School Elementary and simple cases of construction from sufficient data of triangles and quadrilaterals.

Construction of a triangle equal in area to a given polygon.

Construction of tangents to a circle.

## SCHEDULE B.

Theoretical work of the School Elementary, and the following :—

**TRIANGLES AND RECTILINEAL FIGURES :—**

If the sides of a convex polygon are produced in order, the sum of the angles so formed is equal to four right angles.

If two triangles have three sides of the one equal to three sides of the other, each to each, the triangles are congruent.

If two right-angled triangles have their hypotenuses equal, and one side of the one equal to one side of the other, the triangles are congruent.

If two sides of a triangle are unequal, the greater side has the greater angle opposite to it, and conversely.

Two sides of a triangle are together greater than the third.

Of all straight lines that can be drawn to a given straight line from a given point outside it, the perpendicular is the shortest, and that which is nearer the perpendicular is less than the more remote.

The opposite sides and angles of a parallelogram are equal, and each diagonal bisects the parallelogram, and the diagonals bisect one another.

If two straight lines are equal and parallel, the lines that join their corresponding ends are equal, and parallel.

If there are three or more parallel straight lines and the intercepts made by them on any straight line are equal, then the corresponding intercepts on any other straight line that cuts them are also equal.

**AREAS :—**

Parallelograms on the same or equal bases and of the same altitude are equal in area.  
Triangles on the same or equal bases and of the same altitude are equal in area.

Converses to above.

**RIGHT-ANGLED TRIANGLES :—**

The square on the hypotenuse of a right-angled triangle is equal to the sum of the squares on the sides, and conversely.

**LOCI :—**

The locus of a point which is equidistant from two fixed points is the perpendicular bisector of the straight line joining the two fixed points.

The locus of a point which is equidistant from two intersecting straight lines consist of the pair of straight lines which bisect the angles between the two given lines.

**CIRCLE :—**

A Circle is symmetrical about any diameter.

A straight line drawn from the centre of a circle to bisect a chord which is not a diameter is at right angles to the chord; conversely the perpendicular from the centre to the chord bisects the chord.

There is one circle and only one which passes through three given points not in a straight line. In equal circles or in the same circle, if two angles at the centre are equal, the corresponding arcs and chords are equal.

Intersection and tangency of a straight line and a circle.

A straight line whose distance from the centre of a circle is less than the radius cuts the circle in two points, and these are equidistant from the perpendicular let fall from the centre of the circle on the straight line.

Definition of secant.

A straight line whose distance from the centre of a circle is equal to the radius has one point in common with the circumference and is perpendicular to the radius drawn to this point.

Definition of tangent.

A straight line whose distance from the centre of a circle is greater than the radius lies wholly outside the circle.

The angle in a semicircle is a right angle.

**III. Matriculation.**

The paper in Geometry shall contain questions on Practical and on Theoretical Geometry.

The questions on Practical Geometry shall be set on the constructions contained in the annexed Schedule A, together with easy extensions of them. In cases where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate shall provide himself with a ruler graduated in inches and tenths of an inch, and in centimetres and millimetres, a set square, a protractor, and compasses furnished with a hard pencil point. All figures should be drawn accurately in pencil. Questions may be set in which the use of the set square or of the protractor is forbidden.

The questions in Theoretical Geometry shall consist of theorems contained in the annexed Schedule B, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition shall be accepted which appears to the examiners to form part of a systematic treatment of the subject; the order in which the theorems are stated in Schedule B is not imposed as the sequence of treatment.

It is preferred that as far as possible proofs of theorems should be based on first principles, and long chains of dependent propositions should be avoided; a proposition should be quoted by its enunciation or a brief suggestion of that, not by its number in any text book.

In the proof of theorems and deductions from them the use of hypothetical constructions shall be permitted.

**SCHEDULE A.**

Divisions of a straight line into a given number of equal parts.

Fourth proportional.

Mean proportional.

Simple cases of construction of circles from sufficient data, including circles inscribed in and described about a given triangle.

Common tangent to two circles.

**SCHEDULE B.**

Theoretical work of the School Elementary and School Higher Examinations, and the following :—

**PROPOSITIONS IN AREAS :—**

Illustrations and explanations of the geometrical theorems corresponding to the following algebraic identities :—

$$(1) k(a + b + c + \dots) = ka + kb + kc + \dots$$

$$(2) (a + b)^2 = a^2 + 2ab + b^2$$

$$(3) (a^2 - b^2) = (a + b)(a - b)$$

Euclid, Propositions II. 12 and II. 13.

**PROPERTIES OF A CIRCLE :—**

If the distance between the centres of two circles be less than the sum and greater than the difference of the radii, the circumferences will cut in two points and these points will be equidistant from the line joining the centres.



52  
20 May, 1908.

If the distance between the centres of two circles be equal to the sum or the difference of the radii the circumferences will have only one point in common which will be on the line joining the centres.

Definition of tangency of two circles.  
If the distance between the centres of two circles is greater than the sum or less than the difference of the radii the circumferences will have no point in common.

The angle which an arc of a circle subtends at the centre is double that which it subtends at any point in the remaining part of the circumference.

Angles in the same segment of a circle are equal, and if the line joining two points subtends equal angles at two other points on the same side of it the four points lie on a circle.

The angle in a segment greater than a semicircle is less than a right angle, and the angle in a segment less than a semicircle is greater than a right angle.

The opposite angles of any convex quadrilateral inscribed in a circle are supplementary, and conversely.

If a straight line touch a circle and from the point of contact a chord be drawn, the angles which this chord makes with the tangent are equal to the angles in the alternate segments.

If from the end of a chord of a circle a straight line be drawn making with the chord an angle equal to the angle in the alternate segment, then the straight line is a tangent to the circle.

If two chords of a circle intersect either inside or outside the circle, the rectangle contained by the segments of the one is equal to the rectangle contained by the segments of the other.

The rectangle contained by the segments of a chord drawn from an external point to a circle is equal to the square on the tangent drawn from this point to the circle.

If two straight lines AB, CD, intersect at O, and if the rectangles OA. OB, OC. OD, are equal, then the points A, B, C, D, are concyclic.

**PROPERTIES OF A TRIANGLE** —  
Concurrence of bisectors of angles.  
Concurrence of perpendicular bisectors of sides.  
Concurrence of perpendiculars from vertices on opposite sides.  
Concurrence of medians.

**THEOREMS ON PROPORTION** —  
Definition of Ratio and Proportion for commensurable quantities.

If a straight line is drawn parallel to one side of a triangle, the other two sides are divided proportionally, and conversely.

If two triangles are equiangular, their corresponding sides are proportional, and conversely.  
Definit on similar triangles.

If two triangles have one angle of the one equal to one angle of the other, and the sides about these equal angles proportional, the triangles are similar.

The internal and external bisectors of any angle of a triangle divide the opposite side internally and externally respectively in the ratio of the sides containing the angle, and conversely.

Not more than 20 per cent. of the marks shall be allotted to questions on the Theoretical work of the School Elementary and School Higher Examinations.

**Intermediate Examination.**

The Committee is of opinion that Geometry and Trigonometry should be combined at the Intermediate Examination so that a more elementary paper on both should be compulsory and a less elementary paper on both should be optional, in place of the present arrangement.

The Committee further recommends that in the Regulations for the Matriculation Examination

- (1) the words "to include contracted multiplication and division" be added to the Arithmetic Syllabus;
- (2) the words "Ratio and Proportion for commensurable quantities" be added to the Algebra Syllabus.

It was further decided that the question of selecting text books to indicate the range of work for the School and Matriculation examinations be referred back to the Geometry Committee, and that the recommendation of the Committee with reference to the Intermediate examination be adopted with instructions to the Committee to draw up a detailed syllabus.

It was further resolved that the recommendations with reference to algebra and arithmetic at the matriculation examination take effect at the same date as the new syllabus in geometry (1908).

Maynard  
Scholarship;  
re offer to Mr  
Roper.

A letter from Mr E. Roper was read in which he declined to accept the Maynard scholarship. As it was thought that he had declined on account of a misapprehension with regard to the tenure of the scholarship, it was decided to renew the offer of the scholarship, informing Mr Roper that the scholarship would be awarded provided he continues his studies at an Institution which meets with the approval of the Vice-Chancellor.

Miss Marchand  
application re  
tenure of Schol<sup>ar</sup>

A letter from Miss Marchand was read requesting that she be allowed to hold her scholarship while taking the Honours Course in Philosophy at the South African College. It was decided to grant the request.

Mr J. D. Schalkwyk's  
payment of  
scholarship.

A letter from Mr J. van Schalkwyk was read asking to be paid the first instalment of his scholarship before leaving for Cambridge in October, as he was meanwhile prosecuting his studies at the Victoria College. The request was granted.

Further Report  
re contravention  
of Regulations

A further Report was submitted by the Chairman of the Science Committee of Examiners in connection with the contravention of examination Regulations at Simonstown. It was decided that candidate No 989 (Mr Anncke) be not allowed to present himself again for examination till 1906, subject to his making a suitable apology to the Council.

It was further resolved that the Commissioner be informed of the Council's disapproval of his grossly irregular conduct and of the fact that the Council cannot again employ him as Commissioner.

Civil Service  
Higher Law  
Exam. (Transvaal)

The following letter from the Secretary of the Law Department of the Transvaal was submitted:

253  
266

Sir, 3 May, 1906

With reference to your letter of the 25th Ultime enquiring whether there is any intention on the part of this Government to institute a Transvaal Civil Service Higher Law Examination, I have the honour to inform you that we should like such an Examination held this year as in the case of the Civil Service Lower Law Examination. The papers would be the same as for

54  
20 May. 04

the Cape Civil Service Higher Law Examination with the exception of those on Statute Law which would be on the Statute Law of the Transvaal.

Three persons have expressed their intention of entering for the examination if it is held here.

I shall be glad if you will kindly let me know whether the Cape University would be willing to hold such an examination in the Transvaal this year.

I have the honour to be

Sir,

Your obedient servant,

The Registrar,

Secretary to the Law Department.

University of the Cape of Good Hope,

Cape Town.

It was decided to accede to the request contained in the letter and to conduct this year on behalf of the Law Department of the Transvaal a Transvaal Civil Service Higher Law Examination.

Intensions.

The following intensions of which due notice had been given were submitted and consideration of them adjourned till next meeting:

By DR. GREGORY:—

That in the opinion of this Council, the time has arrived when, in the interests of Higher and Technical Education in South Africa, an Inter-Colonial Commission should be appointed to consider this subject in all its bearings, with a view to ascertaining the best steps that can be taken for placing it on a sounder, wider, and more enduring basis.

Further, that the Vice-Chancellor be requested to convey this resolution to the Cape Government, with an expression of the hope that it will take into consideration the best method of securing the co-operation of the Governments of the several South African Colonies in the appointment of such a Commission; and, further, that in the event of such a Commission being appointed this Council shall be adequately represented.

The Committee appointed to consider the above Motion submits the following recommendations:—

1. That the time has arrived when the question of Higher and Technical Education must be dealt with afresh.
2. That it is desirable to refer this question to an Inter-Colonial Commission, or, failing this, to a Commission appointed by the Government of the Cape Colony.
3. That the Commission should enquire into the possibility and desirability of establishing a federal University with affiliated colleges.

By MR. FREMANTLE:—

That all Intermediate, B.A. and M.A. Examinations be conducted by committees consisting in each case of an external examiner, and the Professors of the subject of examination at all colleges earning the higher grants under the extension of the Higher Education Act, 1902; that the external examiner set the papers, which shall be revised by the committee; that the external examiner be chairman of the committee with a vote and a casting vote, and that no Professor examine the papers of his own students.

By PROFESSOR BEATTIE:—

(a) That in and after December, 1906, the subjects for the Intermediate Examination be divided into two groups:—

- |  |  |
|--|--|
| <p>A. English.<br/>Dutch.<br/>Latin.<br/>Greek.<br/>German.<br/>French.<br/>History.</p> | <p>B. Mathematics.<br/>Dynamics.<br/>Physics.<br/>Chemistry.<br/>Botany.<br/>Zoology.<br/>Geology.</p> |
|--|--|

Report of Com<sup>tee</sup>  
re Higher Education  
Commission.

Selection of  
examiners.

Intermediate  
exam. regulations

20 May 02

155

- (b) That the candidates for the Intermediate Examination may not take more than six of these subjects, at least two to be taken from each group.
- (c) That a committee be appointed to make any changes in the regulations, marks, and syllabuses which may be deemed necessary for the proper carrying out of (a) and (b).

The meeting adjourned till May 28th.

C

28th May, 1904.

The meeting of Council adjourned from the 21st was held this day.

Attendance

There were present

The Vice-Chancellor

Prof. Beattie	Prof. R. Scott
Rev. Dr. Flint	Prof. Ritchie
Mrs. Fumath	Rev. J. M. Russell
Prof. Hahn	Hon. W. P. Schreiner
Rev. W. O. Jenkins	Sir C. Abercrombie Smith
Prof. Logeman	Prof. Walker
Rev. Prof. Morais	Mr. Whetton
D. Gyugory	Prof. Viljoen

Report of  
Building Comtee

The following further Report of the Building Committee was submitted:

The Committee reports that at a meeting held on Wednesday, May 25th, it was decided that a deputation consisting of the Vice-Chancellor, Sir C. Abercrombie Smith and Mr. Schreiner, accompanied by Mr. Low as legal adviser, should interview the Mayor and the City Engineer with reference to the points raised at the meeting of Council last Friday.

The Mayor was unable to be present at an interview but unofficially expressed sympathy with the proposals.

On the 27th May the City Engineer met the committee and after discussing the plans and diagrams stated that he had examined the plans submitted by Mr. Hawke, which he found were drawn up in such a way as to make the building protrude about 5 feet beyond the building line in Upper Perth Street as originally laid down by him, and so as to make use of about 10 feet of the cross street.

He expressed the opinion that no objection would be raised to the erection of the building right up to the line of the property of the University in Upper Perth Street as indicated

in Mr Hawke's plans, or to the closing in legal mode of the cross street, should the University acquire Dr Barrow Dowling's property.

The Committee accordingly unanimously resolved to recommend the purchase of Dr Barrow Dowling's property.

It was unanimously decided to adopt the Report of the Committee and to inform the Council's attorneys immediately of the decision of the Council to purchase Dr Dowling's property for the sum of £8000.

The following Report of the Examiners Selection Committee was submitted and adopted with the changes indicated thereon.

### Report of Examiners Selection Committee

#### A. The Committee reports

1. That it has appointed Mr S. Williams as examiner in Physics at the Intermediate examination in the place of Mr Rutenberg, unable to act, and Mrs Hoogenhout as examiner in Dutch, First Paper, at the School Elementary Examination in place of Rev B. Marchand, resigned.

#### B. The Committee submits the following recommendations:-

1. That the following examiners be appointed for the Second and Final Mining examinations of 1906:

#### Second Mining:-

Mining Theory	Mr H. Weldon and
Mining Practical	Mr J. Lown
Engineering Theory	Mr A. M. Robson and
Practical	Mr E. Giff
Surveying	Mr H. Melville and Mr R. Pizzighelli
Mechanical Drawing	Prof. Payne
Chairman	Mr H. Johns

Report of  
Examiners Selection  
Committee  
of the  
University.