

Educational (1904) Department.

ORDINARY MS.

G.O., No 81

DATED 29.1.04

INDEXED.

13

[Despatch Abstract.]

University of Madras.

Approving certain changes proposed
in the bylaws of the —

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
70	207804						

[E.]
1

1,000-5-12-02.

Educational (1904) Department.

CURRENT No. 104

From

[Name]

[Designation]

[Station]

The Registrar, Madras University
Madras

No.

Dated

Enclosures

Received

Registered

1904

1904

SUBJECT.

Subj for sanction certain changes
in the Bylaws adopted by the Senate at
its meeting held on 19-12-03.

BACK PAPERS.

FURTHER PAPERS.

Enclosures.

UNIVERSITY OF MADRAS.

No. 161

SENATE HOUSE 13.1.04

FROM

C. A. PATERSON, Esq., M.A., LL.B.,

Registrar, University of Madras.

To

The Secretary to Government

Educational Department, Fort St George.

SIR,

I have the honour to submit for the sanction of His Excellency the Governor in Council the following changes in the by-laws adopted by the Senate at its meeting held on the 19th December last:-

1. That in by-law 128—first sentence, all the words after “Commencing on the” be left out in order to insert the words “first Monday after 29th November.”
2. That in by-law 136—in the table, the words “First day, second day, third day, fourth day, fifth day” be left out in order to insert the words “Monday, Tuesday, Wednesday, Thursday, Friday.”
3. That in by-law 139—first sentence, all the words after “Commencing on the” be left out in order to insert the words “first Monday after 29th November.”
4. That in by-law 146—in the table, the words “First day, second day, third day, fourth day, fifth day” be left out in order to insert the words “Monday, Tuesday, Wednesday, Thursday, Friday.”
5. That in by-law 149—all the words after “once a year” be left out in order to insert the words “The examination in the Language Divisions shall commence on the first Monday after 6th December, and the examination in the Science Division shall commence on the second Monday after 6th December.”
6. That in by-law 156—in the first paragraph all the words after the words “there-in specified” be left out, and that in the tables for the Language Divisions the words “First day, second day, third day” be left out in order to insert the words “Monday, Tuesday, Wednesday” and that in the tables for the Science Division the words “Fourth day, fifth day, sixth day, seventh day” be left out in order to insert the words “Monday, Tuesday, Wednesday, Thursday.”
7. That the by-laws, as amended, do come into force for the examinations of 1904.
~~(To be proposed by Dewan Bahadur N. Subrahmanyam.)~~
8. That in by-law 163—under Branch II. the following be substituted for the existing words:—

PHYSICAL SCIENCE.

One of the following at the option of the candidate.

A.—PHYSICS. B.—CHEMISTRY.

A.—PHYSICS.

(i) Physics.

(ii) Mathematics.

(iii) Inorganic Chemistry with Elementary Quantitative Analysis.

Each candidate must submit his laboratory note-books containing the record of all his practical work performed during the period of study for the examination. The record must be countersigned by the Professor or Professors under whom the candidate has worked to certify it

to be a *bonâ fide* record of work performed by the candidate. It should be submitted to the Registrar on or before the 15th of the month of December immediately preceding the date of the examination.

B.—CHEMISTRY.

(i) Inorganic and Organic Chemistry. Qualitative Analysis including the use of the microscope and spectroscope. Quantitative Analysis, Inorganic and Organic, including Gas Analysis. The Practical examination shall include *vivâ voce* interrogation.

(ii) Physics.

(iii) Mineralogy including the identification of the principal mineral species, and Mathematics.

Each candidate must submit his laboratory note-books containing the record of all his practical work performed during the period of study for the examination. The record must be countersigned by the Professor or Professors under whom the candidate has worked to certify it to be a *bonâ fide* record of work performed by the candidate. It should be submitted to the Registrar on or before the 15th of the month of December immediately preceding the date of the Examination.

9. That in by-law 165—under Branch II-A. the following be substituted for the existing tables :—

DAYS.	HOURS.	SUBJECTS.	MARKS.
Monday	10—1	Physics	150
	2—5	Physics	150
Tuesday	10—1	Physics	150
	2—5	Chemistry	150
Wednesday	10—1	Mathematics	125
	2—5	Mathematics	125
Thursday	10—1	Practical Chemistry	100
Friday	10—1	Practical Physics	300
	2—5		
		Laboratory Note-Books	150
Total ..			1,400

and that under Branch II-B. the following be substituted :—

DAYS.	HOURS.	SUBJECTS.	MARKS.
Monday	10—1	Chemistry	150
	2—5	Chemistry	150
Tuesday	10—1	Chemistry	150
	2—5	Physics	150
Wednesday	10—1	Mineralogy	150
	2—5	Mathematics	100
Thursday	10—1	Practical Physics	100
Friday and Saturday	10—1	Practical Chemistry	300
	2—5		
		Laboratory Note-Books	150
Total ..			1,400

10. That in by-law 166—for “Branch II-A.—(i) Physics, &c.,..... Scientific method” the following be substituted :—

“Branch II-A.—(i) Physics ; (ii) Mathematics ; (iii) Chemistry.”

For “Branch II-B.—(i) Chemistry, &c.,..... Scientific method” substitute the following *be substituted* :

“Branch II-B.—(i) Chemistry ; (ii) Physics ;” (iii) Mineralogy and Mathematics ;
And in the form of statement to be submitted by the examiners for the Column under Branch II. substitute the following *be substituted* :

BRANCH II.					
A.			B.		
Physics.	Mathematics.	Chemistry.	Chemistry.	Physics.	Mineralogy and Mathematics.
900	250	250	900	250	250

I have the honour to be

Sir

Your most obedient servant

H. A. Paterson,
Registrar.

18/11/1914

No.

Dated

FROM

THE REGISTRAR OF THE
UNIVERSITY OF MADRAS.

To

Enclosures

SUBJECT.

EDUCATIONAL DEPARTMENT.

[E.]

1,530-7-10-03.

C. No. 104 From the Madras University No. —, dated —, 190

SUBJECT.

Changes in University by laws.

The paper may be referred ^{no.} (as usual
to the D.P.I. for remarks.

~~A draft is placed below for approval.~~

TH. 16-1-04 PH. 18-1-04
18/1/4

21/18.1.04

D.P.I. no.

to G. reply no 8, 20 January 1904

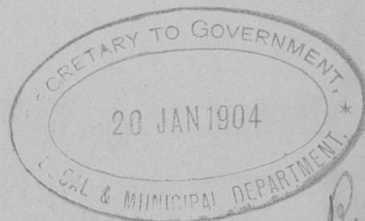
I am in objection to the changes
in the dates of the B.A. Exam.

I approve of the changes in the
M.A. curriculum entailed by the
new by laws. A. G. 20-1-4

A draft is placed below for
approval.

TH. 21-1-04

The alterations proposed by the Senate
are shown in red ink in the copy of the by laws
placed below.



Redd

20/1/4

Ed no. no 358
19-1-4

128. A Matriculation examination shall be held in Madras once a year commencing on the ~~1st~~ first Monday after 29th November, day of December unless that day falls on a Sunday, in which case the examination shall begin on the Monday following. * * *

136. The matriculation examination shall be conducted in the order of time & subject-set fourth in the following table, & the number of marks assignable to each subject shall be as therein specified:-

Days	Hours	Subjects	Marks.
Monday First day	10-1 2-4 4-5-5-5	English.	70
			50
			30
Tuesday Second day	10-1 2-5	Second Language	50
			50
Wednesday Third day	10-1 2-4	Arithmetic	50
		Geometry	35
Thursday Fourth day	10-12 1-3 3-10-5-70	Algebra	35
		Elementary Physics	40
		Elementary Chemistry	40
Friday Fifth day	10-12-30 2-4-30	History of India &c	50
		History of England &c-	50

Total

139. The First Examination in Arts shall be held in Madras once a year, commencing on the first Monday after 29th November. ~~1st day of December, unless that day falls on a Sunday, in which case the examination shall begin on the Monday following.~~ * * *

146. The First Examination in Arts shall be conducted in the order of time & subjects set forth in the following table, and the number of marks assignable to each subject shall be as therein specified:—

Days	Hours	Subjects.	Marks.
Monday First day	10 - 1 2 - 5	English Text English Language	80 50
Tuesday Second day	10 - 11 - 30 11 - 45 - 1 - 15 2 - 5	English Composition Translation Second Language	30 40 50
Wednesday Third day	10 - 1 2 - 4	Second Language Algebra	50 50
Thursday Fourth day	10 - 12 1 - 4	Trigonometry Geometry	50 50
Friday Fifth day	10 - 1 2 - 5	Physiology & Physiography History	75 75
Total			600.

149. The examination for the degree of Bachelor of Arts shall

shall comprise the following divisions:—

- i English Language
- ii Second Language
- iii Science.

and shall be held in Madras once a year. The examination in the Language divisions shall commence on the 8th day of December unless that day falls on a Sunday, in which case the examination shall commence on the second Monday after 6th December and the examination in the Science Division shall commence on the following day.

156. The examination for the degree of Bachelor of Arts shall be conducted in the order of time & subjects set forth in the following tables, and the number of marks assigned to each subject shall be as therein specified: There shall be an interval of two days between the last day of the examination in the Language divisions and the first day of the examination in the Science Division. In giving effect to this by-law Sunday shall be treated as a dies non.

English Language.

Day	Hours	Subjects	Marks.
Monday First day	10-1	English Poetry	60
	2-5	English Prose	60
Tuesday Second day	10-1	English Language & Literature	50
	2-4	English Composition	40
	4-5-5-5	Translation	30

Total 240

Second Language.

Classical.			
Wednesday Third day	10-1	Text-books & grammar	60
	2-5	Translation	60
Total 120			
	10-1	Text-books & grammar	50
		Translation	40
	4-5-5-5	Composition	30
Total 120			

Science.

Branch I.

Monday Fourth day	10-12	Euclid & Geometrical Conics.	30
	2-5	Algebra, Theory of Equations and Plane Trigonometry	60
Tuesday Fifth day	10-1	Analytical Conics	60
	2-5	Differential Calculus	60
Wednesday Sixth day	10-1	Dynamics	80
Thursday Seventh day	10-1	Hydrostatics, Pneumatics & Optics.	60
	2-5	Spherical Trigonometry	20
		Astronomy	50
Total 420			

Branch II

Monday Fourth day	10-1	Physics	70
	2-5	Theoretical Chemistry	50
Tuesday Fifth day	10-1	Practical Chemistry	40
	2-5	Mixed Mathematics or Chemistry	80
Wednesday Sixth day	10-1	Advanced Physics	
	9-1	Practical Chemistry	80
	2-5	Advanced Physics or Chemistry	80
Total 400			

Branch III

Days	Hours	Subjects	Marks.
Monday Fourth day	10-1	General Biology, written examination.	60
	2-5	do do	60
Tuesday Fifth day	10-1	Botany, Physiology, Zoology or Geology, written examination	80
	2-5	do do	80
Wednesday Sixth day	10-1	Do. practical examination	60
		do do	60

Total 400

Branch IV.

Monday Fourth day	10-1	Deductive Logic	60
	2-5	Inductive Logic & Definition	60
Tuesday Fifth day	10-1	Physiology & Psychology	70
	2-5	Psychology & General Philosophy	70
Wednesday Sixth day	10-1	Theory of Ethics	70
	2-5	History of Ethics	70
Total 400			

Branch V.

Monday Fourth day	10-1	History of India	60
	2-5	History of Great Britain	60
Tuesday Fifth day	10-1	History of Europe	60
	2-5	Political Science	70
Wednesday Sixth day	10-1	Political Economy	70
	2-5	Special Subjects	80

Total 400

163. No candidate shall be eligible for the degree of Master of arts until he has passed in at least one of the following branches of knowledge; but while he may pass in two or more branches before he proceeds to the degree of Master of arts, he shall, in no case be permitted to appear in two branches in the same year.

* Branch II. *

Physical Science.

One of the following at the option of the candidate:

A. - Physics. B. - Chemistry.

A. - Physics.

i. Physics, theoretical & practical.

ii. ~~Mathematics~~ Mathematics.

iii. Inorganic Chemistry, ^{with elementary Quantitative Analysis.} ~~theoretical~~

* ~~practical (qualitative analysis)~~

iv. Scientific method, with special reference to the physical sciences.

B. - Chemistry.

i. Inorganic & organic Chemistry

Qualitative analysis, including the use

Each candidate must submit his laboratory note-books containing the record of all his practical work performed during the period of study for the examination. The record must be countersigned by the Professor or Professors under whom the candidate has worked to certify it to be a bona fide record of work performed by the candidate. It should be submitted to the Registrar on or before the 15th of the month of December immediately preceding the date of the examination.

use of the microscope and Spectroscope. Quantitative analysis inorganic and organic, including gas analysis. The practical examination shall include *visà voce* interrogation.

ii. Physics

iii. Mineralogy, including the identification of the principal mineral species, and Mathematics

iv. Scientific method, with special reference to the physical sciences.

*

165. The examination for the degree of Master of arts shall be conducted in the order of time & subjects set forth in the following tables and the number of marks assignable to each subject shall be as therein specified:

*

*

*

*

*

*

Branch II. A.

Days	Hours	Subjects	Marks
Monday	10 - 1	Theoretical Physics	150
	2 - 5	Do do	150 150
Tuesday	10 - 1	Do Physics	150
	2 - 5	Practical Chemistry	150
Wednesday	10 - 1	Practical Physics	125
	2 - 5	Do Mathematics	300 125
Thursday	10 - 1	Practical Chemistry	100
	2 - 5	Do	150
Friday	10 - 1	Mixed Mathematics	250
	2 - 5	Practical Physics	300
Saturday	10 - 1	Scientific Method	150
	2 - 5	Do Laboratory Notebooks	
Total			1400.

Branch II B.

Monday	10 - 1	Theoretical Chemistry	150
	2 - 5	Do Chemistry	150 150
Tuesday	10 - 1	Do Chemistry	150
	2 - 5	Mineralogy & Physics	150
Wednesday	10 - 1	Practical Chemistry	150
	2 - 5	(Qualitative analysis) Do Mathematics	200 100
Thursday	10 - 1	Do (Qualitative analysis)	250
	2 - 5	Practical Physics	100
Friday and Saturday	10 - 1	Physics	250
	2 - 5	Do Practical Chemistry	300
Saturday	10 - 1	Scientific Method	150
	2 - 5	Do Laboratory Notebooks	
Total			1400.

166. The candidates shall be

ranked in the order of proficiency as determined by the total marks obtained by each and shall be arranged in three classes:

* * *

* * *

Branch II. A. (i) Physics, (ii) Mathematics, (iii) chemistry, (iv) Scientific Method.

Branch II. B. (i) chemistry, (ii) Physics, (iii) mineralogy and mathematics, (iv) Scientific Method.

Form of Statement to be submitted by the Examiners.

Register number			Branch I.	Branch II.	Branch III.	Branch IV.
			*	*	*	
900	450	Physics.				
250		Mixed Mathematics				
250		Chemistry				
150		Scientific Method				
1400		Total				
900		Chemistry				
250		Physics				
150		Mineralogy and Mathematics				
150		Scientific Method				
1400		Total				
			*	*	*	
			*	*	*	

The changes in the Matriculation, F.A. & B.A. bylaws affect only the dates on which the examinations are held. Those in the M.A. bylaws affect the curriculum.

Sec 4

26/1/4 Branch II A: The only change is the substitution of 'Laboratory Notebooks' for 'Scientific Method'.

Branch II B: Practical Chemistry has had 150 marks knocked off it. Of the 150, 100 have gone to mathematics [newly introduced, there was no mathematical paper before] and the remaining 50 have been used to raise mineralogy from 100 to 150. 'Laboratory Notebooks' has been substituted for 'Scientific Method'.

27.1.4

Please see also Mr. Jones' remarks as reported in the Madras Mail. He says that in II A the Mathematics would be increased. The marks however and the time for the papers have been left the same. The alteration, if any, must be concealed in the substitution of 'Mathematics' for 'Mixed Mathematics'.

As to II B Mr. Jones said the chief difference was the substitution of ^{one} paper in physics for ^{two} papers. But as the one paper was divided into two portions and the marks and the time for the two portions too were exactly as that for the two papers proposed.

The changes in the Matriculation, F.A. & B.A. bylaws affect only the dates on which the examinations are held. Those in the M.A. bylaws affect the curriculum.

PH

Sec 4

26/1/4 Branch II A: The only change is the substitution of 'Laboratory Notebooks' for 'Scientific Method'.

Branch II B: Practical Chemistry has had 150 marks knocked off it. Of the 150, 100 have gone to mathematics [newly introduced, there was no mathematical paper before] and the remaining 50 have been used to raise mineralogy from 100 to 150. 'Laboratory Notebooks' has been substituted for 'Scientific Method'.

Please see also Mr. Jones' remarks as reported in the Madras Mail. He says that in II A the Mathematics would be increased. The marks however and the time for the papers have been left the same. The alteration, if any, must be concealed in the substitution of 'Mathematics' for 'Mixed Mathematics'.

250

6 hrs

27.1.4

As to II B Mr. Jones said the chief difference was the substitution of ^{one} paper in physics for ^{two} papers. But as the one paper was divided into two portions and the marks and the time for the two portions too were exactly as that for the two papers proposed.

13

I suppose the difference must lie in the way they propose to set the papers; presumably the two portions of the Physics paper have hitherto both been. The ^{total} marks, 250, remain the same; but the marks for paper work have been reduced from 250 to 100 and the other 100 marks are to be reserved for ^athe practical test.

May 1. 4

The object of the changes is stated in Mr. Jones' speech as reported in the Mail. The manner in w^h they are to be carried out is not free from obscurity. The bylaws, as revised, may be approved.

27-1-04

HM

Yes: the points are peculiarly
for the University Senate

877₂₈₇

Issue.

28.1.04

READ AGAIN G.O., No. _____, dated _____, 190_____.

READ ALSO:—

C. No. 107, From the Reg. M. U., No. —, dated — 190

ORDER

No. 81, dated 29. 1. 1904

mis

28/11/4

The proposed changes in the University by-laws are approved.

Shl
27.1.04.

7/4.
21-104

26/1/4

To The Registrar in-ll. } 3/2/4
= O-P-9. ✓

When given for copying _____
 When copied _____
 When examined _____
 When signed _____

190 .

READ AGAIN G.O., No. _____, DATED
 190 .

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT A A A A A A A

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DISPATCH
 IN ORIGINAL.

N.B.—

- A — Copy in full.
- B — Not to be copied.
- F — Copy abstract only.
- G — Copy heading only