

manner of teaching, the length of the academical session or sessions, the manner of examination, the qualifications, appointment, and number of Examiners, and the amount and manner of their remuneration, the granting of degrees, and the institution of new degrees; the institution of an examination either on entering the University, or as a preliminary condition of entering on the course of study for a degree in any Faculty or of both such examinations:

Therefore the Commissioners under the said Act statute and ordain, with regard to the University of St. Andrews, as follows:—

I. Two degrees in Science in Engineering may be conferred by the University of St. Andrews, viz. Bachelor of Science in Engineering and Doctor of Science in Engineering.

II. Every candidate for the degree of Bachelor of Science in Engineering must pass the Preliminary Examination prescribed by Ordinance No. 11 [General, No. 6—Regulations for Degrees in Arts]; and the conditions with respect thereto imposed by the said Ordinance shall be applicable in all respects to this Ordinance except as follows:—(1) French or German may be substituted for Latin or Greek; (2) Mathematics shall be passed on the higher standard; (3) a degree in Arts (not being a degree *honoris causâ tantum*) in any of the Universities of the United Kingdom, or in any Colonial or Foreign University specially recognised for the purpose by the University Court, after consultation with the Senatus Academicus, shall exempt from the Preliminary Examination; (4) the Preliminary Examination must be passed before the candidate presents himself for any part of the First Science Examination, but not necessarily before the candidate enters on his curriculum.

III. (1) Candidates must, in the course of not less than three academical years within the meaning of the Ordinance hereinbefore first mentioned, attend at least the eleven courses of instruction prescribed under Section VII. of this Ordinance.

(2) It shall be the duty of the Senatus to determine from time to time which of the said courses shall be full and which shall be half courses respectively, and also to determine the number of meetings of which such full courses and half courses respectively shall consist, and to report its determination to the University Court for its approval.

IV. (1) Five full courses or their equivalent (counting two half courses as one full course) must be taken in the University of St. Andrews, and must include the necessary courses in Engineering, except where the University Court, after consultation with the Senatus, sees fit to allow one of the courses in Engineering to be taken outside the University, under the provisions of the immediately succeeding sub-section.

(2) The remainder of the said courses may be taken in other Universities or institutions approved by the University Court, or under teachers recognised by the University Court for purposes of graduation in Science in Engineering.

V. (1) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Senatus a scheme specifying what proportion of the courses shall be devoted to lectures, practical demonstrations, examinations, and tutorial work respectively. The Senatus shall transmit such scheme, with such observations as it may think fit to make thereon, to the University Court for its approval.

(2) It shall be the duty of the Professors and Lecturers annually, at the end of each winter session, to submit to the Faculty of Science for its consideration a syllabus of the subjects and books proposed for the work of their classes during the next academical year. The Faculty of Science shall transmit such syllabus, with such observations as it may think fit to make thereon, to the Senatus for its approval.

VI. The provisions of the preceding section shall not apply to approved institutions or recognised teachers outside St. Andrews or Dundee; but the University Court shall not grant or continue recognition to any institutions or teachers unless it shall be satisfied that their courses of instruction are equivalent to the courses sanctioned in the University of St. Andrews.

VII. The subjects of study shall be as follows:—

1. Mathematics, including Analytical Geometry and Differential and Integral Calculus.
2. Natural Philosophy, including Applied Higher Mathematics.
3. Chemistry.
4. A course in the Physical Laboratory or in the Chemical Laboratory, or of Practical Chemistry.
- 5, 6. Two courses in practical work in Drawing.
- 7, 8, 9. Three courses in Engineering, including Engineering, Laboratory Practice, and Field Work.
10. Natural Philosophy, involving Higher Mathematics.
11. One of the following:—
  - (a) Engineering, Laboratory Practice, Mechanical or Electrical (Special Course).
  - (b) Electricity—Pure and Applied.
  - (c) Geology and Mineralogy.

VIII. (1) There shall be a First Science Examination in the three following subjects, viz. (1) Mathematics, (2) Natural Philosophy, (3) Chemistry; and the examinations in Natural Philosophy and in Chemistry shall, so far as possible, be practical.

The examination in Geometrical Drawing may be taken either at the First or at the Final Science Examination.

(2) The examination in Mathematics shall include the higher branches of Mathematics specified under Mathematics in the section immediately preceding; but it shall be optional to candidates to pass the same examination in this subject as that required for the ordinary degree of Master of Arts; provided that in that case they shall be required, before graduation, to pass an examination in the remainder of the subject.

(3) Candidates may present themselves in any one or more of the subjects of the First Science Examination at any examination held after they have attended a full course in the subject or subjects professed.

IX. (1) There shall be a Final Science Examination in the remaining subjects specified in Section VII. hereof; and, if required, in the higher branches of Mathematics, as provided in Section VIII. Sub-section 2 hereof.

(2) Candidates may present themselves in any one or more of these subjects at any examination held after they have passed the whole of the subjects comprised in the First Science Examination, and have attended the required courses in the