Nature of instruction.

2. The said college shall be furnished with all appliances, such as land buildings, implements, tools and apparatus generally, as may be necessary for theoretical and practical education in agriculture, horticulture and arboriculture, and the course of instruction therein shall be with reference to the following subjects:—

The theory and practice of agriculture;
The theory and practice of horticulture;
The theory and practice of arboriculture;

(4) The elements of the various sciences, especially chemistry, (theoretical and practical), applicable to agriculture and horticulture;

(5) The technical English and mathematical branches requisite for an intelligent and successful performance of the business of agriculture and horticulture;

(6) The anatomy, physiology, and pathology, of the ordinary farm animals; with the characteristics of the different varieties of each kind; with the management thereof in the breeding, raising, fattening, and marketing of each, and with a knowledge of the cheese and butter factory systems;

(7) The principles of construction and skilful use of the different varieties of buildings, fences, drainage systems, and other permanent improvements, machinery, implements, tools and appliances necessary in agricultural and horticultural pursuits:

(8) And such other subjects as will promote a knowledge of the theory and practice of agriculture, horticulture and arboriculture.

Practical education insisted upon.

3. The education and instruction shall be at once theoretical and practical, the former known as a course of study and the latter as a course of apprenticeship; and a time, not less than three and not more than five hours daily, on a yearly average, shall be spent in undergoing the latter, and for the encouragement of such labours, an allowance in part liquidation of expenses may be made; yet, notwithstanding, the course of apprenticeship may be dispensed with, if a satisfactory examination be previously passed in all the operations therein required.

Nature of experiments.

4. Experiments with the different varieties of cereals, grasses, and roots; of trees, plants, shrubs, flowers, and fruits; with different modes of cultivation; with different manures; with the breeding, raising, and fattening of animals; with the products of the dairy; and with whotsoever else may be of practical benefit in adding to the knowledge of the facts, principles and laws of the science and art of agriculture, horticulture, and arboriculture under the climatic conditions of this Province, shall be carried out on the experimental farm; and the modes of procedure, and results published from times.

Publication of mental farm; and the modes of procedure and results published from time procedure and to time.

Rules, regulations and curriculum of the College. 5. The government of the college shall be under and according to such rules and regulations as the Lieutenant-Governor in Council may from time to time prescribe; and such rules and regulations shall contain provisions for the standard and mode of admission, the course of study, and apprenticeship in each branch in which instruction is given, and may authorize diplomas, certificales of proficiency, scholarships, or other rewards to be given, after examination, in any of such subjects; and may also impose reasonable fees for attendance.

Appointments to be made by the Lieutenant-Governor in Council.

6. The Lieutenant-Governor in Council may from time to time appoint a president and such professors, instructors, officers, assistants, and servants as the Lieutenant-Governor in Council may deem necessary for the efficient working of said college, and the promotion of its usefulness, and may pass by-laws regulating and prescribing their respective duties.

7. There sh sion; the winter the thirty-first of teenth day of A time between the stitute the regul

8. The Lieute Toronto for the only to the exten the examination scholarships, dip under its statuted lowed to confer.

9. In connecti and horticulture, ting thereto, in o of the agricultura botanical and characteristic manures may sen inspection and ter fit and protection

10. It shall be of the Province to personal or real p for the purposes of

11. The Lieuter my be deemed exptendance on public religious worship, tive ministers, accevery facility shall

12. Full reports nually returned an shall, amongst other

(1) A tabular statending in each sess occupation of the p dent attended, and

(2) A return of to of the instruction g

(3) A copy of the and the results then (4) A summary of

(5) A clear and s the various experim

(6) A detailed stafarm for the year;

(7) A copy of all tenant-Governor in the course of study a

(8) A comparative farm from year to year