

The fees received from students amounted to £1,659 13s. from the Sydney Technical College, and £466 19s. 3d. from country classes, making a total of £2,126 12s. 3d. These fees were distributed among the teachers in addition to the salaries paid by the Board.

The following is a complete syllabus of class-work in the various departments, text-books suggested, and time of meeting.

*Department of Agriculture.*

*Agriculture* (Instructor, Mr. Angus Mackay).—Two years' course of study. Monday, at 7.30 p.m., from April to September. Instructor lectures in country districts during months of October to March. Syllabus, first term: 1, Agriculture, practice with theory; 2, physical features of Australia; 3, climate and rainfall of New South Wales; 4, winds and evaporation, New South Wales; 5, analysis of Australian soils; 6, chemistry of agriculture; 7, soils of New South Wales suitable for various crops; 8, ringbarking, clearing, and burning; 9, flooding dry lands by irrigation, for ploughing; 10, drainage and what it does; 11, mechanics of agriculture; 12, breaking land and preparing the seed-bed. Second term: 13, Sowing cereals, harrowing, and rolling; 14, cultivation of fruit-lands and the soils most suitable for fruit-growing; 15, planting trees and vines; 16, cultivation of roots and vegetables; 17, common crops of Australia; 18, cereal-farming and grass-farming; 19, irrigation—how to apply water to the soil; 20, quantity to apply to cereals and grass; 21, quantity to apply to orchards, vineyards, and vegetables; 22, conservation of water by weirs and reservoirs; 23, construction of ditches and reservoirs for irrigation purposes; 24, haymaking and harvesting. Third term: 25, Harvesting various crops; 26, farm-buildings suitable for protecting crops, animals, and machinery; 27, fruit-picking, packing, and marketing; 28, varieties of grapes suitable for raisin-making; 29, grape-picking for raisin-making and drying; 30, fruit-drying and preserving; 31, various methods employed to dry raisins and fruits; 32, budding and grafting, and pruning and transplanting; 33, propagation from seeds and cuttings; 34, various fruits suitable to Australian soils. Fourth term: 35, Application of manures; 36, the qualities of manures suitable to various soils; 37, cereals and stock-farming combined; 38, poultry-farming; 39, dairying, butter- and cheese-making; 40, the silo an aid to dairying; 41, plant and animal parasites, their prevention and destruction; 42, rotation of crops, native Australian fodder-plants and grasses; 43, steam on the farm, the handling and care of steam-boilers and machinery; 44, the honey-bee in Australia.

The course of instruction in agriculture includes a number of subjects, and is completed in two years. Students who wish to get the certificate of Expert in Agriculture must attend the whole course of instruction, and pass a satisfactory examination in each subject; must also obtain certificates for theoretical chemistry, practical chemistry, physiology, agriculture, wool-sorting, veterinary science, botany, and elementary surveying, and satisfy the examiners as to their knowledge of bookkeeping and the English language. A student may, however, attend any course of instruction in any subject mentioned, and, if he pass a satisfactory examination, will be granted a certificate. The course of instruction is: First year, first term—Agriculture, one hour per week; practical chemistry, two hours; theoretical chemistry, one hour; botany, two hours. Second term—Agriculture, one hour per week; practical chemistry, two hours; theoretical chemistry, one hour; botany, two hours. Third term—Agriculture, one hour per week; practical chemistry, two hours; theoretical chemistry, one hour; botany, two hours; wool-sorting, two hours. Fourth term—Agriculture, one hour per week; practical chemistry, two hours; theoretical chemistry, one hour; botany, two hours. Second year, first term—Comparative physiology, one hour per week; wool-sorting, one hour; agriculture, one hour. Second term—Comparative physiology, one hour per week; wool-sorting, one hour; agriculture, one hour. Third term—Comparative physiology, two hours per week; agriculture, one hour; veterinary science, one hour; surveying, two hours. Fourth term—Comparative physiology, two hours per week; agriculture, one hour; veterinary science, one hour.

*Botany* (Teacher, Mr. Oscar Katz, M.A., Ph.D.).—One year's course of study. Wednesday, at 7.30 p.m. Syllabus: Morphology of the cell, morphology of plants, root, stem, leaves; anatomical structure of plants (histology), fundamental tissue, epidermal tissue, fibrovascular bundles (secondary wood); general physiology (life) of plants—mode of nutrition, parasitic and saprophytic plants, diseases of plants; classification in general—agricultural and pharmaceutical plants, principles of cultivation; geographical distribution of plants, with special regard to the Australian flora; training in the determination of plants, excursions; theory of the microscope; practical microscopical course, as regards especially important objects out of anatomy and physiology of plants.

*Wool-sorting* (Teacher, Mr. A. L. Chillingworth).—One year's course of study. Tuesday and Thursday, at 7.30 p.m. Syllabus: 1, On shearing; 2, on skirting and rolling; 3, classing on the station; 4, various breeds of sheep; 5, merino combing-wools; 6, merino clothing- and carding-wools; 7, cross-bred wools; 8, sorting for the manufacturer; 9, scouring wools; 10, fellmongering, &c.

*Veterinary Science* (Teacher, Mr. B. O. Meek, M.R.C.V.S. (Lond.), F.V.M.A. (Edin.), F.R.M.S., &c.).—Two years' course of study. Tuesday and Thursday, at 7.30 p.m. The course of instruction in veterinary science includes a number of subjects, and is completed in two years. Students who wish to get the certificate of Expert for Veterinary Science must attend the whole course of instruction, and pass a satisfactory examination in each subject; must also obtain certificates for botany, chemistry, pharmacy and *materia medica*, physiology and histology, and satisfy the examiners as to their knowledge of English and bookkeeping. A student may, however, attend the course of instruction in any subject under veterinary science, and if he passes a satisfactory examination a class-certificate will be granted. The veterinary classes will be divided into two divisions, one comprising anatomy (physiology and comparative), the other including medicine, pathology, and obstetrics. The first quarter will include—Syllabus: Tuesday evening—Symptoms