

behalf, I, General Sir Charles Fergusson, Baronet, Governor-General of the Dominion of New Zealand, do hereby revoke the Proclamation dated the twenty-fifth day of June, one thousand nine hundred and twenty-one, and published in the *New Zealand Gazette* No. 61 of the thirtieth day of the same month, page 1638, defining the middle-line of the Palmerston North deviation of the Palmerston North - Woodville Branch of the Wellington-Napier Railway.

Given under the hand of His Excellency the Governor-General of the Dominion of New Zealand, and issued under the Seal of that Dominion, this 11th day of March, 1928.

R. A. WRIGHT, for Minister of Railways.

GOD SAVE THE KING!

(L.O. 9517.)

Approving Scheme of Examination under the New Zealand Institute of Horticulture Act, 1927.—Notice No. Ag. 2715.

CHARLES FERGUSSON, Governor-General.

ORDER IN COUNCIL.

At the Government Buildings at Wellington, this 10th day of March, 1928.

Present:

THE RIGHT HONOURABLE SIR FRANCIS BELL, P.C., PRESIDING IN COUNCIL.

IN pursuance and exercise of the powers and authorities conferred upon him by the Institute of Horticulture Act, 1927 (hereinafter termed the said Act), His Excellency the Governor-General of the Dominion of New Zealand, acting by and with the advice and consent of the Executive Council of the said Dominion, doth hereby approve of the scheme set out in the Schedule hereto as the scheme of examination for the granting of certificates and diplomas under the said Act, submitted in accordance with section four thereof by the New Zealand Institute of Horticulture.

SCHEDULE.

SCHEME OF EXAMINATION OF CANDIDATES FOR THE CERTIFICATE AND DIPLOMA OF THE NEW ZEALAND INSTITUTE OF HORTICULTURE.

FOR the purposes of this scheme—

- "Act" means the Institute of Horticulture Act, 1927;
- "Approved garden" means any botanic, municipal, nursery, or private garden approved by the Examining Board;
- "Certificate" means the Certificate of Horticulture granted by the Institute;
- "Diploma" means the Diploma of Horticulture granted by the Institute;
- "Examining Board" means a committee set up by the Institute for the purpose of controlling all matters relative to examinations under the Act;
- "Group A" means those candidates who commence the practice of horticulture subsequent to the coming into force of the Act;
- "Group B" means those candidates who have been engaged in the practice of horticulture for a period not exceeding fifteen years prior to 31st December, 1929, with such continuity as is approved by the Examining Board;
- "Group C" means those candidates who have been engaged in the practice of horticulture for a period of fifteen years prior to the coming into operation of the Act, or who shall have been so engaged prior to the 31st December, 1929, with such continuity as is approved by the Examining Board;
- "Group D" means those candidates who are University students holding a degree, including botany, equivalent to the B.Sc. degree of the New Zealand University.

GROUP A.

The examination with respect to Group A shall be taken in three parts; the first part to be termed the Preliminary Examination, the second part to be termed the Intermediate Examination, and the third part to be termed the Professional Examination.

Every student desirous of becoming a candidate for the Institute's Certificates and Diploma shall, within three months of the commencement of his studies, register his name with the Institute, and at the same time furnish evidence of his having passed the State School Proficiency Examination or its equivalent, and that he can write good English.

Before being eligible to sit for the Preliminary Examination, the student must serve two years in an approved garden,

during which period he shall keep, and submit annually (and at such other times as may be required) for the approval of the Examining Board a diary defining his horticultural experience; what he has observed in the gardens, &c., and in the neighbourhood regarding natural and introduced vegetation; and describing the horticultural shows he has attended. If his diary is not considered satisfactory, the qualifying period shall be extended for such further term as the Examining Board may decide.

At the completion of the qualifying period, and provided his diary has been approved, the candidate may present himself for the Preliminary Examination, and he shall be examined in the subjects enumerated in the syllabus hereto, the passing of which examination shall entitle him to the Institute's Junior Certificate of Horticulture.

Before being eligible to sit for the Intermediate Examination the candidate must pass the Preliminary Examination, and thereafter serve a further period of two years in an approved garden. During such period he shall continue to keep and submit for the approval of the Examining Board a diary as hereinbefore provided. If his diary is not considered satisfactory, the qualifying period shall be extended for such further term as the Examining Board may decide.

At the completion of the qualifying period referred to in the preceding paragraph, and provided his diary has been approved, the candidate may submit himself for the Intermediate Examination, and shall be examined in the subjects defined in the syllabus, the passing of which examination shall entitle him to the Institute's Senior Certificate of Horticulture.

Before being eligible to sit for the Professional Examination, a candidate must pass the Preliminary and Intermediate Examinations, and subsequently practice horticulture for a period of not less than two years.

On the completion of such qualifying period the candidate may submit himself for the Professional Examination in the subjects defined in the syllabus, the passing of which examination shall entitle him to the Institute's Diploma of Horticulture, to be known as the National Diploma of Horticulture, New Zealand, and the privilege of using the letters N.D.H. (N.Z.) after his name, indicating that he is the holder of such diploma.

The Preliminary, Intermediate, and Professional Examinations shall be divided into three sections—viz., written, oral, and practical, the oral and practical sections being regarded as the most important.

In the event of a candidate failing to pass any examination, he may submit himself for re-examination at such time and in such subjects as the Examining Board may direct.

All examinations shall be held at such time and place as is nominated by the Examining Board.

Syllabus No. 1.

Preliminary Examination: Open to all candidates who have complied with the foregoing conditions, and have been approved by the Examining Board.

Chemistry and General Science.—The requirements of these subjects shall be in accordance with those of the Intermediate Examination conducted by the Education Department, New Zealand, or its equivalent.

Horticultural Botany.—The organs of flowering-plants and modifications of those organs (stem, root, leaf, flower, fruit, seed)—their form, structure, and uses. Elementary plant-physiology, including growth, respiration, absorption, photosynthesis, food, and nutrition generally; waste products.

General principles of classification.—The divisions of the plant kingdom with special reference to fungi, ferns, and flowering-plants. Elementary knowledge of the commoner families of flowering-plants met with in horticulture, especially Coniferae, Gramineae, Amaryllidaceae, Liliaceae, Orchidaceae, Iridaceae, Caryophyllaceae, Ranunculaceae, Cruciferae, Geraniaceae, Saxifragaceae, Rosaceae, Leguminosae, Cucurbitaceae, Myrtaceae, Umbelliferae, Primulaceae, Convolvulaceae, Solanaceae, Scrophulariaceae, Boraginaceae, Labiatae, Gentianaceae, Campanulaceae, Compositae, and the recognition of the more important genera of the above cultivated in gardens.

The elements of plant-breeding.—The more common bacterial and fungus diseases of plants, symptoms, and treatment.

The candidate will be required to describe, in technical language, specimens of plants submitted to him, and to identify the more common plant diseases. Credit will also be given for the rapid identification of garden plants and common species of the indigenous flora.

A knowledge of microscopic technique is not essential, but the candidate will receive credit for such. He must, however, be able to use with facility a pocket lens.

Horticultural Zoology: A practical knowledge of—

1. The general characters, habits, and life-histories of eel-worms, earthworms, slugs, snails, woodlice, millepedes, and