



Sharing the best in Gardening

R3103

THE MANAGEMENT OF PLANT HEALTH

Level 3

Wednesday 13 February 2013

11:30 – 12:30

Written Examination

Candidate Number:.....

Candidate Name:.....

Centre Number/Name:.....

IMPORTANT – Please read carefully before commencing:

- i) The duration of this paper is **60** minutes.
- ii) **ALL** questions should be attempted.
- iii) **EACH** question carries **10 marks**.
- iv) Write your answers legibly in the spaces provided. It is not necessary that all lined space is used in answering the questions.
- v) Use **METRIC** measurements only.
- vi) Where plant names are required, they should include genus, species and where appropriate, cultivar.
- vii) Where a question requires a specific number of answers; only the first answers given that meet the question requirement will be accepted, regardless of the number of answers offered.
- viii) Please note, when the word 'distinct' is used within a question, it means that the items have different characteristics or features.

ANSWER ALL QUESTIONS

[illegible]

Please see over/.....

- i) **ONE** chemical method;
- ii) **ONE** non-chemical method.

22

- i) fasciation;
- ii) coral spot;
- iii) reversion;
- iv) damping off.

4

4

- b) State **TWO** cultural methods that can be used to prevent or reduce the incidence of coral spot.

2

- c) State **FOUR** cultural methods that can be used to prevent or reduce the incidence of damping off.

4

Total Mark

Please turn over/.....

Q3 Describe the use of **EACH** of the following, giving **NAMED** examples where appropriate:

- i) plant passports;
- ii) phytosanitary certificates.

64

Total Mark

7

Q4 a) Name an approved pesticide used for the control of **EACH** of the following:

- i) two spotted spider mite;
- ii) powdery mildew;
- iii) vine weevil.

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b) State how plant diseases develop resistance to chemical control.

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Please see over/.....

MARKS

Total Mark

Please turn over/.....

10

Total Mark

11

Describe the adverse effects on plants of the following:

- i) high temperatures;
- ii) low temperatures.

Please see over/.....

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