



Sharing the best in Gardening

R3104

UNDERSTANDING APPLIED PLANT PROPAGATION

Level 3

Wednesday 13 February 2013

15:30 – 16:15

Written Examination

Candidate Number:.....

Candidate Name:.....

Centre Number/Name:.....

IMPORTANT – Please read carefully before commencing:

- i) The duration of this paper is **45** 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/.....

- b) Describe the benefits **OR** limitations of rooting cuttings in **TWO** different containers, by completing the table below.

	Seed tray	Pre-filled plug tray
Watering		
Disease management		
Labour input		

Total Mark

Please turn over/.....

4

Total Mark

5

Q3

Explain the importance of the leaf and stem for the rooting of:

- i) a **NAMED** softwood cutting;
- ii) a **NAMED** leafless hardwood cutting.

55

Please see over/.....

MARKS

Total Mark

Please turn over/.....

Q4 a) Give **ONE NAMED** example of a seed for **EACH** of the following germination requirements:

- i) temperature above 20 °C;
- ii) dark conditions.

11

b) Describe the sowing technique for **ONE** of the seeds **NAMED** in a), under **EACH** of the following headings:

- i) growing medium;
- ii) equipment;
- iii) environment.

2
2
4

Please see over/.....

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