



SUPPLEMENTARY 2010/2011

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

**PROGRAMME: BACHELOR OF SCIENCE IN HORTICULTURE
YEAR 2**

COURSE CODE: HORT 202

**TITLE OF PAPER: PLANT PROPAGATION AND NURSERY
MANAGEMENT**

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY
THE CHIEF INVIGILATOR**

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

QUESTION 1

- (a) Describe the use of methyl bromide in soil treatment [5]
 - (b) Discuss seed physical dormancy [10]
 - (c) Discuss direct field seeding [10]
- [25]**

QUESTION 2

- (a) Describe graft chimera [10]
 - (b) Discuss plant propagation by use of hard wood cuttings [15]
- [25]**

QUESTION 3

- (a) Describe the T-budding technique [15]
 - (b) Describe air layering [10]
- [25]**

QUESTION 4

- (a) Discuss nursery classification on the basis of ownership [15]
 - (b) Explain how topography influences nursery site selection [10]
- [25]**

QUESTION 5

- (a) Describe the row planting design in field production nurseries [5]
 - (b) Describe the marketing of nursery stocks in garden centres [5]
 - (c) Describe the preparation and use of nursery equipment inventory [10]
 - (d) Describe the use of granular fertilisers in nursery production [5]
- [25]**