



2ND SEMESTER 2016/2017

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

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

COURSE CODE: HRT202

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

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

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BY THE CHIEF INVIGILATOR**

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

QUESTION 1

- (a) Describe the preparation of medium mixtures in plant propagation. [10]
 - (b) Explain the process of wound root formation in cuttings. [15]
- [25]

QUESTION 2

- (a) Discuss physical seed dormancy. [13]
 - (b) Discuss graft incompatibility. [12]
- [25]

QUESTION 3

- (a) Describe propagation of plants by soft wood cuttings. [15]
 - (b) Describe the propagation of horticultural plants by use of root cuttings. [5]
 - (c) Describe propagation of Sansevieria by leaf cuttings. [5]
- [25]

QUESTION 4

- (a) Discuss the role of a nursery manager in respect to employee motivation, evaluation and reward. [15]
- (b) Describe the preparation of a plant inventory in a nursery. [10]
- [25]

QUESTION 5

- (a) Explain how labour availability influences selection of a nursery site. [13]
- (b) Describe the harvesting of bare root plant materials. [12]
- [25]