2ND SEMESTER 2017/2018

PAGE 1 OF 3

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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ANSWER ANY FOUR (4) QUESTIONS

QUESTION 1

(a) Describe the design and utilisation of lath houses in plant propagation. [10] (b) Explain the process of wound root formation in stem cuttings. [15] [25] **QUESTION 2** (a) Discuss the use of leaf cuttings in different horticultural plants. [15] (b) Discuss graft incompatibility. [10] [25] **QUESTION 3** (a) Describe propagation of plants by hard wood cuttings. [15] (b) Describe of T-budding technique [10] [25]

QUESTION 4

Discuss the type of fertilisers used in nursery plant production.

[25]

PAGE 3 OF 3

QUESTION 5

Discuss the management of diseases in the different nursery plant production areas.

[25]