



SUPPLEMENTARY 2011/12

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**UNIVERSITY OF SWAZILAND
SUPPLEMENTARY EXAMINATION PAPER**

PROGRAMME: BACHELOR OF SCIENCE IN HORTICULTURE YEAR II

COURSE CODE: HORT 201

TITLE OF PAPER: PRINCIPLES OF HORTICULTURE

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ANY TWO (2) QUESTIONS FROM SECTION A AND ANY TWO (2) QUESTIONS FROM SECTION B

DO NOT OPEN UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR

INSTRUCTION: ANSWER ANY TWO (2) QUESTIONS FROM SECTION A

SECTION A

QUESTION 1

- a) Describe five (5) disciplines of horticulture (5 marks)
- b) Describe eight (8) career opportunities in horticulture (8 marks)
- c) What are some of the constraints to horticultural production in Swaziland (12 marks)

[25 marks]

QUESTION 2

- a) In line with the mandate as prescribed in the enabling Act No 13 of 1985, outline NAMBOARD's core activities (4 marks)
- b) Cite the projects that the Farm Support and Development Unit (FSU) has set up for the benefit of Swazi farmers (5 marks)
- c) Identify the baby vegetable products that are handled at the pack house facility at NAMBOARD (16 marks)

[25 marks]

QUESTION 3

- a) Describe four (4) attributes of good seed (4 marks)
- b) Discuss the general features of a nursery (16 marks)
- c) Describe the advantages of transplanting (5 marks)

[25 marks]

INSTRUCTIONS: ANSWER ANY TWO (2) QUESTIONS FROM SECTION B

SECTION B

QUESTION 4

Discuss the horticultural production systems

[25 marks]

QUESTION 5

a) What are constraints to improved weed management practices in developing countries?

(15 marks)

b) List the different weed control methods

(10 marks)

[25 marks]

QUESTION 6

Write short notes on the following:

a) Crop rotation

(5 marks)

b) Benefits of compost in horticulture

(5 marks)

c) Nursery industry

(5 marks)

d) Processing of horticultural crops

(5 marks)

e) Pruning

(5 marks)

[25 marks]