



SUPPLEMENTARY 2010/2011

PAGE 1 OF 3

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

**INSTRUCTIONS: ANSWER FOUR (4) QUESTIONS. ANSWER ANY
TWO (2) QUESTIONS FROM EACH SECTION ON
SEPARATE BOOKLETS**

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

SECTION A

QUESTION 1

a) Vegetable crops may be classified on the basis of climatic requirements. List two examples by both common name and scientific name which do not belong to the same families:

i) cool season vegetable crop (2 marks)

ii) warm season vegetable crop (3 marks)

b) Temperature influences physiological activities of plants. List the effects of temperature on horticultural crops. (20 marks)

[25 marks]

QUESTION 2

What do you understand by the term 'GlobalGAP'?

[25 marks]

QUESTION 3

NAMBOARD is important to horticulture production in the Swaziland.

a) State NAMBOARD's mission statement (3 marks)

b) State NAMBOARD's vision statement (2 marks)

c) List the functions of the packhouse at NAMBOARD (7 marks)

d) List the product lines available at the Farm input shop (9 marks)

e) What is the function of the banana facility at NAMBOARD? (4 marks)

[25 marks]

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

PAGE 3 OF 3

SECTION B

QUESTION 4

- a) What is a weed? (5 marks)
b) Discuss the various weed control methods (5 marks)

[25 marks]

QUESTION 5

- a) What is sustainable horticulture? (5 marks)
b) Discuss the key management elements for sustainable horticulture (20 marks)

[25 marks]

QUESTION 6

Write briefly on the following:

- a) Processing of horticultural crops (8 marks)
b) Thinning (8 marks)
c) Transplanting (9 marks)

[25 marks]