



2ND SEM. 2013/2014

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

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

COURSE CODE: HORT 203

TITLE OF PAPER: VEGETABLE PRODUCTION

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

Discuss planning, cultivar selection and rotations in vegetable production

[25 marks]

Question 2

Discuss climatic and cultural requirements of:

(i) pea

[12 marks]

(ii) bean

[13 marks]

[25 marks]

Question 3

(a) Explain why botanical classification is more useful than artificial classification

[12 marks]

(b) Describe five nutritional components of both baby and conventional vegetables which are important to human health

[13 marks]

[25 marks]

Question 4

Describe agro-climatological requirements of asparagus (*Asparagus officinalis*) and its potential as an export crop for Swaziland

[25 marks]

Question 5

Discuss the post-harvest requirements of a:

(i) cool season baby vegetable

[12 marks]

(ii) warm season baby vegetable

[13 marks]

[25 marks]