



2ND SEMESTER 2016/2017

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

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

COURSE CODE: HRT204

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**

(2c)

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

Question 1

Discuss five site factors to consider when selecting a vegetable garden

[25 marks]

Question 2

Discuss climatic and cultural requirements of:

- (i) Eggplant (*Solanum melongena*).
- (ii) Potato (*Solanum tuberosum*).

[12 marks]

[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:

- (i) cool season baby vegetables
- (ii) warm season baby vegetables

[12 marks]

[13 marks]

[25 marks]