



2ND SEMESTER 2017/2018

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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**

INSTRUCTION: ANSWER ANY FIVE (5) QUESTIONS

Question 1

Discuss planning, cultivar selection and rotations in vegetable production

[25 marks]

Question 2

Discuss climatic and cultural requirements of:

- (i) pea
- (ii) bean

[12 marks]

[13 marks]

[25 marks]

Question 3

- (a) Botanical classification is more useful than artificial classification. Discuss this statement. [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 sweet corn (*Zea mays*) 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
- (ii) warm season baby vegetable

[12 marks]

[13 marks]

[25 marks]