



2ND SEM. 2014/2015

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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**

Describe five ways in which both conventional and baby vegetables are important to your country.

[25 marks]

Question 2

Describe agro-climatological requirements for all year production of potato (*Solanum tuberosum*).

[25 marks]

Question 3

- a) Describe physical and chemical characteristics of any three named traditional/indigenous vegetables of importance to southern Africa.

[12 marks]

- b) Discuss the climatic requirements of beetroot (*Beta vulgaris*).

[13 marks]

[25 marks]

Question 4

Describe five physiological disorders of pepper (*Capsicum annuum*) and suggest how each disorder can be overcome.

[25 marks]

Question 5

- a) Describe the physiology of garlic (*Allium sativum*) bulbing [12marks]

- b) Describe climatic and cultural requirements for successful production of sweet corn (*Zea mays*) in Swaziland. [13 marks]

[25 marks]