



2ND SEM. 2010/2011

PAGE 1 OF 2

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 FIVE (5) 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 sweet corn (*Zea mays*).

[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*) production

[13 marks]

[25 marks]

Question 4

Describe five physiological disorders of tomato (*Solanum esculentum*) and suggest how each disorder can be overcome

[25 marks]

Question 5

a) Describe the physiology of onion (*Allium cepa*) bulbing [12marks]

b) Describe climatic and cultural requirements for successful production of pepper in Swaziland [13 marks]

[25 marks]