



**1<sup>ST</sup> SEM. 2007/2008**

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**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME: BACHELOR OF SCIENCE IN AGRONOMY  
YEAR 4 AND BACHELOR OF SCIENCE IN  
HORTICULTURE YEAR 4**

**COURSE CODE: HORT 402**

**TITLE OF PAPER: VEGETABLE CROPS**

**TIME ALLOWED: TWO (2) HOURS**

**INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED  
BY THE CHIEF INVIGILATOR**

**INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS**

**QUESTION 1**

Discuss the importance of vegetables in Swaziland.

**[25 marks]**

**QUESTION 2**

Discuss the cultural requirements of:

- (i) Pea (*Pisum sativum*)
- (ii) Common bean (*Phaseolus vulgaris*).

**[13 marks]**

**[12 marks]**

**[25 marks]**

**QUESTION 3**

Discuss physical and chemical characteristics and importance of three named indigenous/ traditional vegetables.

**[25 marks]**

**QUESTION 4**

Discuss bulbing physiology in Alliums.

**[25 marks]**

**QUESTION 5**

- a) Describe physiological disorders of tomato
- b) Describe curd formation in cauliflower

**[13 marks]**

**12 marks]**

**[25 marks]**