



**1<sup>ST</sup> SEM. 2011/2012**

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**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

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

**COURSE CODE: HORT 402**

**TITLE OF PAPER: HERBS, SPICES AND TRADITIONAL  
VEGETABLES**

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

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

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THE CHIEF INVIGILATOR**

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

**QUESTION 1**

Describe propagation, use and nutritional importance of the following traditional vegetables:

- (i) *Amaranthus hybridus* [12 marks]
  - (ii) *Corchorus spp* [13 marks]
- [25 marks]

**QUESTION 2**

Describe five ways which you can control insects pests using herbs and spices.

[25 marks]

**QUESTION 3**

Describe the growing and use of the following herbs:

- (i) lavender (*Lavendula bofficialis*) [13 marks]
  - (ii) moringa (*Moringa olifera*) [12 marks]
- [25 marks]

**QUESTION 4**

Describe harvesting methods of the following:

- (i) pepper [5 marks]
  - (ii) vanilla [5 marks]
  - (iii) cinnamon [5 marks]
  - (iv) nutmeg [5 marks]
  - (v) ginger [5 marks]
- [25 marks]

**QUESTION 5**

Discuss five herbs used to alleviate disease symptoms of humans.

[25 marks]