



**1<sup>ST</sup> SEM. 2015/2016**

**PAGE 1 OF 2**

**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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BY THE CHIEF INVIGILATOR**

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

**QUESTION 1**

- a) Discuss spices from a historical perspective. [15marks]
- b) List five spice plants and describe the part that is used for each spice. [10 marks]  
[25 marks]

**QUESTION 2**

Describe how you can alleviate five disease symptoms using herbs and spices.

[25 marks]

**QUESTION 3**

Describe the growing and use of the following herbs:

- (i) Lemon grass (*Cymbopogon citratus*) [13 marks]
- (ii) Ginger (*Zingiber officinalis*) [12 marks]

[25 marks]

**QUESTION 4**

- a) Describe briefly what are essential oils and oil resins. [10 marks]
- b) Discuss three important uses of spices. [15 marks]

[25 marks]

**QUESTION 5**

Describe physical appearance, production and use of the following traditional vegetables:

- (i) *Amaranthus hybridus*
- (ii) *Mormodica* species
- (iii) *Corchorus olitorius*

[25 marks]