

44



1ST SEMESTER 2017/2018

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

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

INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS

QUESTION 1

Describe the botany of any five herb and spice plants

[25 marks]

QUESTION 2

Discuss the use of five traditional herbs used to alleviate disease symptoms in humans

[25 marks]

QUESTION 3

Describe the growing and use of the following herbs:

- (i) Lavender (*Lavandular officinalis*) [13 marks]
- (ii) Rosemary (*Rosmarinus officinalis*) [12 marks]

[25 marks]

QUESTION 4

- a) Describe 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* [9]
- (ii) *Colocasia esculenta* [8]
- (iii) *Corchorus olitorius* [8]

[25 marks]