



**UNIVERSITY OF ESWATINI  
MAIN EXAMINATION PAPER**

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

**COURSE CODE: CP 403**

**TITLE OF PAPER: FIBRE, TOBACCO AND TUBER CROPS**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION 1 [COMPULSORY] AND ANY  
OTHER THREE [3] QUESTIONS OF YOUR CHOICE**

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THE CHIEF INVIGILATOR**

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**QUESTION 1**

**THIS IS A COMPULSORY QUESTION**

Write short notes on the following words or phrases, each question carries five marks

- a) Bt cotton
- b) Topping in tobacco production
- c) Lignification in sweet potato
- d) Storage methods of sweet potato
- e) Rapid multiplication of cassava stems

[25 marks]

**QUESTION 2**

- a). Describe how tobacco seedlings are raised beginning from seedbed preparation up to transplanting. [10 marks]
- b) Discuss three methods of tobacco curing, stating each one's effect on tobacco quality.

[15 marks]

[25 marks]

**QUESTION 3**

Discuss the main constraints to cassava production in Eswatini

[25 marks]

**QUESTION 4**

- a) Discuss the fertiliser requirements of taro. [10 marks]
- b) Discuss the crop adaptation of taro [10 marks]
- c) Why is ridging essential when growing root and tuber crops? [5 marks]

[25 marks]

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**QUESTION 5**

a) Discuss the various methods of placing cassava stem cuttings, indicating the unique features of each method. [15 marks]

b) Discuss two physiological disorders of Irish potato, indicating their causes and how they can be avoided. [10 marks]

**[25 marks]**