



**2<sup>ND</sup> SEMESTER 2007/2008**

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**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME: BACHELOR'S DEGREE IN AGRONOMY YEAR 4**

**COURSE CODE: CP 410**

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

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

**INSTRUCTION: ANSWER ANY FOUR (4) QUESTIONS OF YOUR CHOICE**

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

**QUESTION 1**

Write an extension-type guideline for extension workers for tobacco seedling production from site selection up to the stage of transplanting into a field.

(25 Marks)

**QUESTION 2**

Cotton has been proposed as an alternative cash crop to sugarcane production in Swaziland. Discuss the advantages and the disadvantages of using current sugar estates for cotton production.

(25 Marks)

**QUESTION 3**

Discuss the advantages and the disadvantages of using green manure crops for sweetpotato [*Ipomoea batatas* (L.) Lam] production in Swaziland.

(25 Marks)

**QUESTION 4**

Describe the process of rapid multiplication of cassava stems.

(25 Marks)

**QUESTION 5**

Write briefly on the following. Each question carries five marks.

- (a) Method of planting cassava.
- (b) Desuckering in tobacco
- (c) Ginning in cotton
- (d) Tuberisation in *Solanum tuberosum*
- (e) Uses of taro (*Colocasia esculenta*)

(25 Marks)