



**SUPPLEMENTARY 2011/12**

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**UNIVERSITY OF SWAZILAND  
SUPPLEMENTARY EXAMINATION**

**PROGRAMME: BACHELOR OF SCIENCE IN ABE, AEM AND  
AGRIC. EDUCATION YEAR III**

**COURSE CODE: HORT 306**

**TITLE OF PAPER: VEGETABLE AND FRUIT CROP PRODUCTION**

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

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

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

**INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS****QUESTION 1**

Discuss the yield components of the Irish potato (*Solanum tuberosum*)

[25 marks]

**QUESTION 2**

Discuss the temperature requirements of the date palm.

[25 marks]

**QUESTION 3**

Provide the Family, Genus, Species, and / or Variety names for each of the following fruit and vegetable crop species:

- |                 |           |
|-----------------|-----------|
| a) sweet potato | (3 marks) |
| b) apple        | (3 marks) |
| c) litchi       | (3 marks) |
| d) sweet orange | (3 marks) |
| e) okra         | (3 marks) |
| f) pecan nut    | (3 marks) |
| g) cauliflower  | (4 marks) |
| h) pawpaw       | (3 marks) |

[25 marks]

**QUESTION 4**

Discuss the effects of immature flowering on yield of leafy mustard (*Brassica juncea*)

[25 marks]

**QUESTION 5**

Briefly describe the following types of citrus:

- |               |            |
|---------------|------------|
| a) tangelo    | (10 marks) |
| b) ugli fruit | (7 marks)  |
| c) calamondin | (8 marks)  |

[25 marks]