



**SUPPLEMENTARY EXAMINATION 2014/2015**

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**UNIVERSITY OF SWAZILAND**

**SUPPLEMENTARY EXAMINATION PAPER**

**PROGRAMME: BACHELOR OF SCIENCE IN AGRONOMY YEAR III  
AND BACHELOR OF SCIENCE IN HORTICULTURE  
YEAR III**

**COURSE CODE: HORT 304**

**TITLE OF PAPER: TROPICAL & SUBTROPICAL FRUIT PRODUCTION**

**TIME ALLOWED: TWO [2] HOURS**

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

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

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

**QUESTION 1**

Discuss the production of lychee (*Litchi chinensis*) using these guidelines:

- a) Fertilisation (8 marks)
- b) Pruning (7 marks)
- c) Propagation (10 marks)

**[25 marks]**

**QUESTION 2**

- a) What is the objective of training young fruit trees? (3 marks)
- b) What are the outcomes of pruning young trees? (13 marks)
- c) Outline the principles to follow when pruning a tree at any age . (9 marks)

**[25 marks]**

**QUESTION 3**

Write notes on the following types of citrus:

- a) Yuzu (6 marks)
- b) Ugli fruit (6 marks)
- c) Tangel, (7 marks)
- d) Calamondin (6 marks)

**[25 marks]**

**QUESTION 4**

Discuss the production of pomegranate using the following guidelines:

- a) Climatic requirements (12 marks)
- b) Soils (3 marks)
- c) Irrigation (10 marks)

**[25 marks]**

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

**QUESTION 5**

Discuss the production of cactus pear or fruit (*Opuntia ficus indica* L.) following these guidelines:

- a) Seed propagation (8 marks)
- b) Vegetative propagation (17 marks)

**[25 marks]**