



**1<sup>ST</sup> SEMESTER 2011/2012**

**PAGE 1 OF 3**

**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

**PROGRAMME: BACHELOR OF SCIENCE IN HORTICULTURE  
YEAR IV**

**COURSE CODE: HORT401**

**TITLE OF PAPER: FLORICULTURE**

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

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

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THE CHIEF INVIGILATOR**

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

**QUESTION 1**

- (a) Describe the major effects of temperature on vegetative growth and flowering in roses [15]
- (b) Describe the propagation of roses by use of cuttings [10]
- [25]

**QUESTION 2**

- (a) Describe supporting in rose production [5]
- (b) Describe bending in rose production [15]
- (c) Describe rust disease in roses [5]
- [25]

**QUESTION 3**

- Discuss the propagation of carnations [25]

**QUESTION 4**

(a) Describe the following physiological disorders in carnations:

(i) calyx splitting [5]

(ii) bullhead [5]

(b) Describe the harvesting of carnation cut flowers [10]

(c) Describe the spacing requirements of chrysanthemums [5]

[25]

**QUESTION 5**

(a) Describe the planting operation of Ornithogallums [10]

(b) Describe the harvesting procedure in statice [8]

(c) Describe the propagation of statice [7]

[25]