



**1<sup>ST</sup> SEMESTER 2013/2014**

**PAGE 1 OF 3**

**UNIVERSITY OF SWAZILAND**

**FINAL EXAMINATION PAPER**

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

**COURSE CODE: HORT 401**

**TITLE OF PAPER: FLORICULTURE**

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

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

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

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

**QUESTION 1**

- (a) Describe the large-scale cut flower production system [5]
  - (b) Describe the propagation of rose by budding [10]
  - (c) Describe pruning in rose production [10]
- [25]**

**QUESTION 2**

- (a) Describe bending operation in rose production [10]
  - (b) Discuss scouting in rose production [15]
- [25]**

**QUESTION 3**

- (a) Describe post-harvest handling of rose cut flowers [15]
  - (b) Describe harvesting of carnation cut flowers [10]
- [25]**

**QUESTION 4**

- (a) Describe physiological disorders in carnations [10]
  - (b) Describe Verticillium wilt in chrysanthemums [5]
  - (c) Describe corm multiplication in gladiolus [10]
- [25]**

**QUESTION 5**

- (a) Describe the planting operation in Ornithogallums [10]
  - (b) Describe soil and fertiliser requirements of gypsophila [15]
- [25]**