



1ST SEMESTER 2016/17

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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]