



SUPPLEMENTARY 2012/2013

PAGE 1 OF 3

UNIVERSITY OF SWAZILAND

SUPPLEMENTARY 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

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY 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 the 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]