



2ND SEM. 2007/2008

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

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

COURSE CODE: HORT 305

TITLE OF PAPER: FLORICULTURE

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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

INSTRUCTIONS: ANSWER ANY FOR (4) QUESTIONS

QUESTION 1

- (a) Describe propagation of roses by budding [10]
 - (b) Outline the pinching procedure in roses [5]
 - (c) Explain the importance of scouting in the integrated pest management of roses [5]
 - (d) Describe the harvesting procedure in rose production [5]
- [25]**

QUESTION 2

- (a) Describe the propagation of carnation plants [10]
 - (b) Describe the various methods used to provide support for carnation plants [5]
 - (c) Describe the grey mould disease in carnations [5]
 - (d) Describe the following conditions in carnations:
 - (i) Slab-sides [3]
 - (ii) Bull-heads [2]
- [25]**

QUESTION 3

- (a) Describe the temperature requirements of chrysanthemums [5]
 - (b) Describe the post-harvest handling of chrysanthemum cut flowers [5]
 - (c) Describe the soil and fertiliser requirements of Gladiolus [5]
 - (d) Describe the soil and fertiliser requirements of Gypsophila [5]
 - (e) Describe the harvesting procedure in static [5]
- [25]

QUESTION 4

- (a) Describe the light requirement of asters [7]
 - (b) Describe the propagation of asters [5]
 - (c) Describe the growing media requirement of lilies [5]
 - (e) Describe the nutritional requirements of lilies [8]
- [25]

QUESTION 5

- (a) Describe the large-scale cut flower production system [10]
 - (b) Describe the harvesting and grading operations of Ornithogallum cut flowers [8]
 - (c) Describe the water requirements of Gypsophilla [7]
- [25]