



2ND SEM. 2005/2006

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UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER

**PROGRAMME: BACHELOR OF SCIENCE IN AGRICULTURE
YEAR IV (HORTICULTURE OPTION)**

COURSE CODE: HORT 402

TITLE OF PAPER: FLORICULTURE

TIME ALLOWED: TWO (2) HOURS

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS

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THE CHIEF INVIGILATOR**

INSTRUCTIONS: ANSWER ANY FOUR (4) QUESTIONS**QUESTION 1**

- (a) Describe the infrastructure required in commercial cut flower production [5]
- (b) Give a brief account of light management in greenhouse cut flower production [10]
- (c) Discuss the use of plant growth retardants in floriculture [10]
- [25]

QUESTION 2

- (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 3

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

QUESTION 4

- (a) Describe the temperature requirements of chrysanthemums [5]
 - (b) Discuss 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 statice [5]
- [25]**

QUESTION 5

- (a) Describe the light requirement of African violets [5]
 - (b) Outline the propagation of African violets [5]
 - (c) Discuss watering in the growing of geraniums [5]
 - (d) Describe the growing media requirement of geraniums [5]
 - (e) Describe seed propagation of Kalanchoe [5]
- [25]**