



**2<sup>ND</sup> SEM. 2008/2009**

**PAGE 1 OF 3**

**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) List five (5) major uses of cut flowers [5]
  - (b) Outline five (5) major infrastructural requirements for cut flower production [5]
  - (c) Discuss scouting in the integrated pest management of roses [10]
  - (d) Describe the construction of support-work in rose production [5]
- [25]**

**QUESTION 2**

- (a) Describe the propagation of roses by use of cuttings [10]
  - (b) Describe the powdery mildew disease in rose production [10]
  - (c) Describe calyx splitting in carnations [5]
- [25]**

**QUESTION 3**

- (a) Describe the propagation procedure in carnations [15]
  - (b) Describe the pinching methods applied to carnations [10]
- [25]**

**QUESTION 4**

- (a) Describe the effects of light on growth and flowering in chrysanthemums [10]
- (b) Describe the harvesting and post-harvest handling of chrysanthemum cut flowers [10]
- (c) Describe the fertiliser requirements of Gladiolus [5]
- [25]

**QUESTION 4**

- (a) Describe the planting operation in Ornithogallums [10]
- (b) Describe the harvesting procedure in statice [5]
- (c) Describe the soil requirements of Gypsophilla [10]
- [25]

**QUESTION 5**

- (a) Describe the propagation of statice [5]
- (c) Describe how you would enhance flowering in Eustoma [10]
- (e) Describe the propagation of Eustoma [10]
- [25]