



SUPPLEMENTARY 2006/2007

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

PROGRAMME: **BACHELOR OF SCIENCE IN HORTICULTURE
YEAR III
BACHELOR OF SCIENCE IN AGRICULTURAL
EDUCATION YEAR III
BACHELOR OF SCIENCE IN HOME ECONOMICS
YEAR III
BACHELOR OF SCIENCE IN HOME ECONOMICS
EDUCATION YEAR III**

COURSE CODE: **HORT 303**

TITLE OF PAPER: **ORNAMENTAL HORTICULTURE**

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 FOUR (4) QUESTIONS**QUESTION 1**

(a) Describe the functional use of indoor plants under the following headings:

(i) Traffic channelling [5]

(ii) Screening [5]

(b) Discuss the following principles of interior landscaping:

(i) Colour of plants [5]

(ii) Size of plants [5]

(iii) Décor association [5]

[25]

QUESTION 2

Discuss fertiliser application in indoor plants [25]

QUESTION 3

(a) Describe the light management of indoor plants under the following headings:

(i) Plant rotation [4]

(ii) Use of reflective colours [2]

(iii) Artificial lighting [6]

(b) Describe **four (4)** methods that you would use to determine soil moisture content in potted plants [13]

[25]

QUESTION 4

- (a) Describe the temperature requirements of African violets [5]
- (b) Describe the culture of Dieffenbachia [8]
- (c) Describe the media used in the growing of plants in terrariums [12]
- [25]

QUESTION 5

- (a) Describe the establishment of lawns by the following methods:
- (i) Seeding [5]
- (ii) Sodding [5]
- (b) Describe the staking of trees [5]
- (c) Describe the vegetative propagation of geraniums [5]
- (d) Describe the use of fillers flowers in flower arrangement [5]
- [25]