



SUPPLEMENTARY 2006/2007

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UNIVERSITY OF SWAZILAND

SUPPLEMENTARY EXAMINATION PAPER

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

COURSE CODE: HORT 503

TITLE OF PAPER: LANDSCAPE DESIGN

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) Compare and contrast the historical landscapes of the Nile Valley and the ancient Rome [10]
- (b) Describe the following landscapes:
- (i) Residential [5]
 - (ii) Hospital landscape [10]
- [25]

QUESTION 2

Mr. Nhlanhla Maseko has purchased a property in the Coates Valley Estate of Manzini. He contracts you to undertake the landscaping of the site. Give a brief account of how you would undertake a landscape survey to determine the landscaping requirements of the site.

[25]

QUESTION 3

- (a) Describe the grading procedure in landscape construction [10]
- (b) Describe the construction of pathways/footpaths [10]
- (c) Describe the construction of swimming pool in the landscape [5]
- [25]

QUESTION 4

Discuss the use, design and establishment of a rock garden in a public landscape

[25]

QUESTION 5

(a) Describe the irrigation of woody ornamental plants [5]

(b) Describe the management of lawn grasses by use of plant growth retardants [5]

(c) Discuss the estimation of cost of landscaping by:

(i) The time plus material method [5]

(ii) Fixed price methods [5]

(d) Describe tenders and tendering in landscaping [5]

[25]