



**1<sup>ST</sup> SEM. 2004/2005**

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**UNIVERSITY OF SWAZILAND**

**FINAL 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 Aztec in Mexico and the ancient

Islamic gardens [10]

(b) Describe the following landscapes:

(i) Hotel landscapes [5]

(ii) Hospital landscape [10]

[25]

**QUESTION 2**

Mrs. Mabuza has purchased a property in the Pine Valley Estate of Mbabane. She 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) Discuss the use and construction of retaining walls in the landscape [15]

(b) Describe briefly the placement and construction of a waterfall in the landscape [10]

[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) Cost estimate method [5]

(ii) Unit rate contract [5]

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

[25]