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) Describe the following historical gardens:

    (i) Nile valley garden [5]

    (ii) Medieval gardens of Europe [5]

(b) Describe the following landscapes:

    (i) Residential [5]

    (ii) Industrial [5]

    (iii) Public park [5]

                                       [25]

QUESTION 2

(a) Describe any ten (10) factors that influence landscape design [10]

(b) Discuss the use of symbols in landscape plan preparation [5]

(c) Discuss the following characteristics of landscape elements:

    (i) Visual effect [5]

    (ii) Diversity [5]

                                         [25]

QUESTION 3

(a) Describe the grading procedure in landscape construction [10]

(b) Describe the construction of patios and pathways [10]

(c) Describe the construction of swimming pool in the landscape [5]

[25]

QUESTION 4

(a) Discuss the handling of plant materials in the landscape [10]

(b) Discuss turf grass mowing [10]

(c) Discuss watering of lawn grasses [5]

[25]

QUESTION 5

(a) Discuss fertiliser application in ornamental woody plants [5]

(b) Describe the protection and care of street trees in urban landscapes [10]

(c) Describe the landscape cost estimation by:

    (i) The time plus material method [5]

    (ii) Fixed price methods [5]

[25]