

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF SCIENCE IN HORTICULTURE

HORT 463: LANDSCAPE DESIGN, CONSTRUCTION AND MAINTENANCE

STREAMS: BSC (HORT)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 15/04/2020

2.30 P.M. – 4.30 P.M.

INSTRUCTIONS:

- The paper contains section A and B
- Answer all questions in section A and any TWO from section B
- Marks for each question are indicated in parenthesis ()
- Total marks = 70

SECTION A (30 MARKS) – ANSWER ALL QUESTIONS

1. Explain the role of a landscape from an economic and education perspective. [8 marks]
2. Describe the importance of landscaping. [5 marks]
3. (a) Explain the difference between residential and institutional landscaping stating the characteristics of each type of landscape. [4 marks]
(b) Describe the components of the outdoor room. [6 marks]
4. Line is a fundamental element of landscape design. Justify this statement. [7 marks]
5. (a) The county government of Tharaka Nithi has contracted you to landscape their newly constructed headquarter premise. Describe the kind of information you will collect at the site survey stage. [10 marks]
(b) Provide an analysis for the information collected in '5a' above. [10 marks]
6. (a) Describe any five designs used in landscaping. [10 marks]
(b) Outline the areas of landscape maintenance in any given recreation area. [10 marks]

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7. (a) Describe the key considerations to note while using the following landscape equipment:
- (i) Mower [5 marks]
 - (ii) Bower [3 marks]
- (b) Describe the general landscaping employee safety rules. [12 marks]
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