

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

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

HORT 462: ORNAMENTAL HORTICULTURE

STREAMS: HORT (Y4S1)

TIME: 2 HOURS

DAY/DATE: FRIDAY 8/12/2017

8.30 A.M - 10.30 A.M.

INSTRUCTIONS:

- This paper has two sections, A and B.
- Section A accounts for 30 Marks while Section B accounts for 40 Marks
- Section A is compulsory
- Answer any two Questions in Section B

SECTION A

1. Explain the following terms;
 - (a) Landscape horticulture [3 Marks]
 - (b) Interior scaping [3 Marks]
 - (c) Aboriculture [3 Marks]
2. Describe functional uses of ornamental plants in the landscape. [5 Marks]
3. Distinguish between the following terms;
 - (a) A specimen and accent plant [4 Marks]
 - (b) A tree and a shrub [4 Marks]
4. Describe the following terms as used in landscape design
 - (a) Simplicity [4 Marks]
 - (b) Repetition [4 Marks]

SECTION B

5. (a) Describe general care and maintenance of ornamental indoor plants. [8 Marks]
(b)(Discuss types of house plants used for interior decoration [12 Marks]
6. Discuss the following aspects of tuff grass growing and maintenance
 - (a) Seedbed preparation [5 Marks]
 - (b) Mowing [5 Marks]

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- (c) Fertilizer application [5 Marks]
 - (d) Irrigation [6 Marks]

 - 7. (a) Describe the basic rules to consider when putting up a rock garden. [6 Marks]
 - (b) Explain acclimatization. [2 Marks]

 - (c) Discuss the following aspects of acclimatization for indoor plants
 - (i) Light intensity acclimatization [5 Marks]
 - (ii) Nutrient acclimatization [4 Marks]
 - (iii) Temperature acclimatization [3 Marks]
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