

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATION

RESIT/SPECIAL EXAMINATION

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE

HORT 462: ORNAMENTAL HORTICULTURE

STREAMS:

TIME: 2 HOURS

DAY/DATE: MONDAY 01/11/2021

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 the parenthesis ()
Total marks= 70

SECTION A (30 MARKS)

1. a) Give examples of ornamental plants that could be used for the following purposes:
 - i. Foliage shrub (2 mark)
 - ii. A plant species suitable for rock gardens (1 mark)
 - iii. Water fountain (1 mark)
- b). Explain the importance of ornamental shrubs in the garden (4 marks)
2. Briefly outline the procedure for successful lawn establishment (6 marks)
3. a). Describe the main considerations in establishment of roof gardens (5 marks)
- b). Explain the characteristics of plants used in Aquariums (3 marks)

4. Describe the procedure for establishment of a rockery (8 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

5a). Describe the maintenance practices for annuals and perennials. (10 marks)

b). Identify the soilborne diseases in bedding plants and suggest appropriate management strategies. (10 marks)

6. a). Describe the general characteristics of climbers (10 marks)

b). Describe the criteria for selection of climbers and creepers in ornamental horticulture (10 marks)

7. a). Briefly describe the important pests and diseases that affect lawns (10 marks)

b). Describe the propagation of Liana (10 marks)
