

B. Voc. (Agri-Business and Agrarian Entrepreneurship)
Fifth Semester
ASC-504: Land Preparation and Cultivation of Flowers

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit.

x-x-x

I. Define the following:-

- a) Bio-pesticides
- b) Grafting
- c) Furrow irrigation
- d) Termite
- e) Black soil
- f) Micronutrients
- g) Green manure
- h) Compost

(8x1)

UNIT - I

II. Explain the different types of nurseries and elaborate the importance of nursery? (8)

III. a) Explain the different types of soil?

b) Describe the different criteria of site selection for land preparation and maintenance of nursery? (4,4)

UNIT - II

IV. a) Describe the different types of handling tools and equipment used for land preparation and maintenance of nursery?

b) Explain the different types of irrigation techniques? (4,4)

V. Discuss the major difference between the manure and fertilizer? Explain the importance and application methods of manure? (8)

(2)

UNIT - III

- VI. Explain the importance and different types of grafting and clonal propagation methods in plants? (8)
- VII. a) Describe the process of uprooting, transplanting and plant spacing in a nursery?
b) Discuss the different methods of seed sowing and propagation? (4,4)

UNIT - IV

- VIII. a) Write a brief note on micronutrients, bio-pesticides and growth promoters used in flowering?
b) Discuss some of the common pesticides and precautions to be taken during handling of pesticides? (4,4)
- IX. Describe the different types of plant diseases of flowering plants and their management practices. (8)

x-x-x