

1128

B. Voc. (Agri-Business and Agrarian Entrepreneurship)

Fifth Semester

ASC-504: Land Preparation and Cultivation of Floriculture

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Attempt the following:-

- a) What are mites?
- b) Define hardening.
- c) Name any two diseases of flowering plants.
- d) Define transplanting.
- e) Give different types of containers for growing flowers.
- f) What is a scion?
- g) Give the advantage of mulching in a nursery.
- h) What is clonal propagation? (8x1)

UNIT - I

II. a) What is a nursery? Discuss its importance and give the different components of a nursery.

b) Describe the different factors responsible in site selection and establishment of a nursery. (4,4)

III. a) Discuss the different types of soil(s) used in a nursery.

b) Give the different types of nurseries and their importance giving different type of plants raised in them. (4,4)

UNIT - II

IV. a) Discuss the need for soil treatment. How can soil treatment be done?

b) Describe digging, ploughing and leveling operations in nursery establishment. Also give their significance. (4,4)

(2)

- V. a) What are manures? How do they differ from fertilizers? How are these applied to plants? Give the methods of application.
- b) Discuss the different types of irrigation methods used in a nursery. (4,4)

UNIT - III

- VI. a) Discuss briefly the technique of clonal propagation.
- b) What are the different types of methods followed for seed sowing in a nursery? (4,4)
- VII. a) Define grafting. Discuss briefly the different types of grafting.
- b) Discuss the advantages and disadvantages of micropropagation. How is hardening of micropropagated plants done? (4,4)

UNIT - IV

- VIII. a) What is the importance of growth promoters in flowering?
- b) Name a few diseases of flowers and discuss their control methods briefly. (4,4)
- IX. a) What are insects? How do they differ from mites?
- b) Discuss the management of insects and mites in flowering plants. (4,4)

x-x-x