

1129

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. Write brief notes on the following:-

- a) Biopesticides
- b) Drip irrigation
- c) Mulching
- d) Clonal propagation

(4x2)

UNIT – I

- II. a) What is a nursery? Discuss the different types of Nurseries giving their importance.
- b) Briefly discuss the importance of site selection and the environmental factors for nursery establishment.

(4,4)

III. a) How is Land prepared to start a nursery?

- b) Discuss the different structures required in a nursery for maintenance of plants?

(4,4)

UNIT – II

- IV. a) Describe briefly the various nursery operations from ploughing to levelling.
- b) Give the importance of manure and fertilizer and the methods of application. (4,4)
- V. a) Describe the various types of soil and media used for propagating nursery plants.
- b) Discuss the different tools and equipment required in nursery operations. (4,4)

UNIT – III

- VI. a) Describe the different methods of clonal propagation of plants.
- b) Define grafting. Describe the different types of grafting methods. (4,4)
- VII. a) What are the different seed sowing methods used in a nursery?
- b) What is transplanting? How are flowering plants transplanted? (4,4)

P.T.O.

(2)

UNIT – IV

- VIII. a) Explain in detail the various insects of rose and gladiolus and their management?
b) What are biopesticides? How are these applied to flowering plants? What are their potential benefits over chemical pesticides? (4,4)
- IX. a) Discuss the various precautions that need to be taken during application of pesticides.
b) Differentiate between insects and mites. How is protection against these provided in the flowering plants? (4,4)

x-x-x