

2032

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. Comment on any four of the following:-

- a) Vermiculture
- b) Drip irrigation
- c) Mulching
- d) Clonal propagation
- e) Shade house

(4x2)

UNIT - I

II. a) Describe the different types of nurseries and their importance.

b) Discuss the various types of equipments used in land preparation and how is land prepared to start a nursery? (4,4)

III. a) What type of site is selected for starting a nursery and how is land prepared for starting a nursery?

b) What kind of structures are used in a nursery for maintenance of plants? (4,4)

UNIT - II

IV. a) Describe the importance of ploughing, digging and levelling. How do these operations vary in different kinds of plants?

b) Discuss the different tools and equipments used in a nursery? (4,4)

V. a) Differentiate between manures and fertilizers and their application methods.

b) Describe the types of irrigation methods. (4,4)

P.T.O.

(2)

UNIT - III

- VI. a) Discuss the importance of clonal propagation.
b) What is transplanting? How is plant spacing between transplanted plants maintained in a nursery? (4,4)
- VII. a) Describe the different seed sowing and propagation methods followed in a nursery.
b) Define grafting? Describe the different types of grafting methods. (4,4)

UNIT - IV

- VIII. a) How do insects plants? How can the infected plants be managed?
b) What are Bio-pesticides? Give their importance over chemical pesticides. (4,4)
- IX. a) Discuss the different types of Growth promoters used for flowering plants.
b) Describe the different types of plant diseases and their control measures. (4,4)