

2124

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. 1 which is compulsory and selecting one question from each Unit.*

x-x-x

Q1. Define the following:-

- i. Bactericides
- ii. Bud grafting
- iii. Drip irrigation
- iv. Mites
- v. Mulching
- vi. Clonal propagation
- vii. Shade house
- viii. Raised bed

(8 X 1=8)

## UNIT-I

- Q.2. a) Describe the importance of nursery and the different types of nurseries with example.  
b) Write a note on seed treatment for nursery setting  
(4,4)
- Q.3. a) Discuss various factors to be taken care of while setting a nursery.  
b) What is damping off of seedlings? How is it controlled?  
(4,4)

## UNIT-II

- Q.4 a) Describe the various nursery operations – ploughing, digging and levelling.  
b) Describe the different types of irrigation methods.  
(4,4)
- Q.5. a) Differentiate between manures and fertilizers.  
b) Discuss the different kinds of tools and equipments used in maintaining a nursery?  
(4,4)

## UNIT-III

- Q.6 a) Describe the importance of Clonal propagation of plants.  
b) What is Grafting ? Discuss the different types of grafting methods?  
(4,4)

P.T.O.

(2)

- Q.7. a) Describe the various seed sowing methods followed in a nursery.  
b) What is transplanting? Discuss the importance of plant spacing between plants and how it is done?

(4,4)

**UNIT-IV**

- Q.8 a) How is attack from insects managed in flowering plants?  
b) Discuss the different types of plant diseases in flowering plants and their control measures.

(4,4)

- Q.9. Write short notes on:  
a) Bio-pesticides  
b) Growth promoters

(4,4)

x-x-x