

2123

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

I. Attempt the following:-

- a) A managed site, designed to produce seedlings grown under favourable conditions until they are ready for planting is called as _____.
- b) Production nurseries are also known as _____ nurseries.
- c) The amount of land required for successful nursery can vary from _____.
- d) Soil pH can be measured using _____ paper that change colour according to the pH of media being tested.
- e) Define transplanting.
- f) Give one example of common chemical hormone which applied to promote rooting/shooting in cuttings.
- g) Give one example of common fungicide.
- h) Soil borne diseases can be eradicated by _____. (8x1)

UNIT - I

- II. Give the importance and role of nursery. (8)
- III. Describe the various factors which determine the location of nursery. (8)

UNIT - II

IV. Write a note on:-

- a) Various nursery tools
- b) Sprinkler and Drip irrigation (8)

- V. Mention different ways to improve soil characteristics (e.g. drainage, water holding capacity, nutrients etc.) for nursery (8)

P.T.O.

(2)

UNIT - III

- VI. Describe various methods of pre-sowing treatment to overcome seed dormancy to ensure rapid seed germination. (8)
- VII. Give an account on clonal propagation of plants. (8)

UNIT - IV

- VIII. Discuss in general the various methods to control diseases. (8)
- IX. Write a note on:-
- a) Damping off disease of flowering plants and its control
 - b) Leaf spot of flowering plants and its control (8)

x-x-x