

2054

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

Sixth Semester

ASC-603: Protective 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. Answer the following:-

a) What is a rain shelter?

b) What is disbudding?

c) Define netting.

d) What do you mean by ventilation?

(4x2)

UNIT - I

II. Discuss the designing and erection of shade houses and green houses. (8)

III. Discuss the various types of protected structures in details. What are the prospects of protected floriculture in India (8)

UNIT - II

IV. Discuss any 3 suitable flower crops for protected cultivation in Indian conditions. Also discuss the structural components involved in their cultivation. (8)

V. What are genetically modified plants? What are the advantages and disadvantages of growing them? (4,4)

UNIT - III

VI. Write notes on:-

(a) Irrigation systems in protected floriculture

(b) Diseases and pests in protected floriculture

(4,4)

VII. Discuss the various techniques involved in the management and manipulation of temperature, light and humidity conditions in protected floriculture. (8)

UNIT - IV

VIII. Discuss the crop regulation by chemical methods and special horticultural practices. (8)

IX. Discuss the important harvesting and post-harvest handling techniques of protected floriculture. (8)

x-x-x