

M.Sc.(Ag.) Semester – I Examination, 2014

Horticulture

Course : HOR – 531

(Fundamentals of Floriculture and Landscape Architecture)

Time: 3 Hours

Full Marks: 50

Questions are of value as indicated in the margin.

Answer **any five** questions.

1. Briefly describe the methods of propagation of flowers and ornamental plants with suitable examples. What are the advantages of micro-propagation over conventional propagation techniques? 7+3=10
 2. Enumerate different garden types with their features. Differentiate formal and informal styles of gardening with suitable example. What do you mean by free style of gardening? 6+3+1=10
 3. Discuss briefly about the components of garden. Classify the climbers with suitable examples. 6+4=10
 4. What is lawn? Mention its importance as a component of garden. Write briefly about management of lawn with special emphasis on selection of grasses, planting and cultural management. 1+2+7=10
 5. Write down the production technology of chrysanthemum emphasizing climatic and soil requirement, varieties, propagation and planting, nutrient management and harvesting. 10
 6. State briefly the improved package of practices of marigold. 10
 7. Narrate the post harvest operations required for flowers. Briefly describe the value added products of flowers. 5+5=10
 8. Write short notes on the following (**any four**): 2.5×4=10
 - (a) Roof garden
 - (b) Edges
 - (c) Cacti and succulents
 - (d) Eco-tourism
 - (e) Types of pigments
 - (f) Floral arrangement
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