

M.Sc. III Semester Degree Examination, April/May - 2024

BOTANY

DSE-1 : Gardening and Landscaping

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions with question No. **1 (Q.1)** is **Compulsory**, each question carries **equal** marks.

1. Discuss the principles of gardening and components of garden. 14
2. (a) Explain methods of Lawn making. 7
(b) What is landscaping ? Briefly explain importance of landscaping. 7
3. Write a note on :
(a) Ornamental trees. 8
(b) Explain methods of cultivation of Cut flower with respect to Rose. 6
4. Explain the different grafting methods followed in nurseries. 14
5. Discuss in detail Bonsai cultivation and art of making Ricus bonsai. 14
6. Write short notes on :
(a) Topiaries and their role in Gardening. 7
(b) Orchidarium establishment. 7
7. (a) Explain the role of plant growth regulation in gardening. 6
(b) What is soil solarization ? Explain its role in cultivation of garden plants. 8
8. Write methods of increasing vase life of cut flowers with reference to Carnation and Dahlia. 14