

M.Sc Sem-3 Examination**503****Horti Science & GM****November-2024****Time : 2-30 Hours]****[Max. Marks : 70**

QUESTION-1 Write the following

- i) Explain types of Bio-fertilizers. 7 Marks
- ii) Write the application of media used for ornamental plants. 7 Marks

OR

- i) Explain the functions and deficiencies of Iron and Copper in ornamental plants. 7 Marks
- ii) Describe in detail the Types of manures. 7 Marks

QUESTION-2 Write the following

- i) Explain the concept of Break Even Point with the help of diagram and example. 7 Marks
- ii) What is financial assistance? 7 Marks

OR

- i) Explain the meaning of Capital cost with example. 7 Marks
- ii) Differentiate subsidy and loan. 7 Marks

QUESTION-3 Write the following

- i) Write short notes on any three, with examples: 7 Marks
 - a. Flowering Annuals
 - b. Herbaceous Perennials
 - c. Bonsai
 - d. Shade, Ornamental and Flowering Trees
 - e. Ornamental Grasses, Bamboos and Reeds
- ii) Describe Soil sterilization and its importance for outdoor plants. 7 Marks

OR

- i) Describe different types of Transplanting of outdoor plants. 7 Marks
- ii) Explain diseases and nutrient deficiencies in outdoor plants. 7 Marks

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QUESTION-4 Write the following

- i) Write a note on: Flower arrangement supplies. 7 Marks
- ii) Explain: Bouquet maintenance and note on ikebana. 7 Marks

OR

- i) Explain in detail: Biodegradable materials which used in landscaping. 7 Marks
- ii) What is aquaculture? 7 Marks

QUESTION-5

14 Marks

- Attempt any seven out of twelve. (2 Marks each)

1. Write the advantages of chemical fertilizers.
2. Explain the importance of bio fertilizer
3. What is culture media?
4. Give the definition of assets in financial management.
5. Give the name of capital used in day to day trading operations.
6. Define Plant hunting.
7. What are Indoor plants and their benefits?
8. Describe any two:
 - a. Disbudding
 - b. Pinching
 - c. De-shooting
 - d. Defoliations
9. Which factors determine the rate of success in transplanting?
10. Explain the concept of ikebana.
11. List of biodegradable materials used in landscaping.
12. Give the list of bouquet flowers.
