

M.Sc. Sem.-1 Examination

403

Horticulture Science & Gardening Management

January-2024

Time : 2-30 Hours]

[Max. Marks : 70

QUESTION-1 Write the following

- i) Describe the methods to assess fertilizer requirement in soil. 7 Marks
- ii) Describe any three important organic manures. 7 Marks

OR

- i) Explain intercropping for space utilization. 7 Marks
- ii) Describe canopy management in different citrus species. 7 Marks

QUESTION-2 Write the following

- i) Describe harvesting techniques of apple. 7 Marks
- ii) Write storage methods of any two fruits. 7 Marks

OR

- i) Describe: Packing and ripening of banana and Mango. 7 Marks
- ii) Describe: Post-harvest techniques of any one fruit. 7 Marks

QUESTION-3 Write the following

- i) Describe in detail: Nutrient management in olericulture. 7 Marks
- ii) Nutritional and economic value of vegetables: Describe it. 7 Marks

OR

- i) What is Propagation? Explain recent trends in propagation. 7 Marks
- ii) Explain in detail any three leafy vegetables with its cultivars. 7 Marks

QUESTION-4 Write the following

- i) Explain conservation practices for vegetable production. 7 Marks
- ii) Describe flowering in vegetable crops. 7 Marks

OR

- i) Describe any three low cost methods for vegetable preservation. 7 Marks
- ii) Describe post-harvest techniques for vegetable storage. 7 Marks

QUESTION-5

14 Marks

- Attempt any seven out of twelve.

1. Give the family and scientific name of pineapple.
2. Define cultivars.
3. Define agro techniques for pomology.
4. Write a Jam preparation in flow chart form.
5. Enlist packaging types.
6. Enlist harvesting tools.
7. Define Olericulture.
8. Write the different types of local significant economically important vegetables with examples.
9. Write any two leafy vegetables with scientific name and family.
10. Define cryopreservation.
11. Name any three chemical preservatives for vegetables.
12. Define Cleistogamy.

