

M.Sc. Sem.-1 Examination

404

Horticulture Science & Gardening Management

January-2024

Time : 2-30 Hours]

[Max. Marks : 70

QUESTION-1 Write the following

- i) Write down five local significant economically important crops and their cultivars. 7 Marks
 - ii) Write a note on recent trends in propagation of Coconut. 7 Marks
- OR
- i) Describe it: Agro techniques of coffee. 7 Marks
 - ii) Explain in detail: Recent trends in propagation of tea. 7 Marks

QUESTION-2 Write the following

- i) Explain the harvesting, post -harvest care and storage of Cashew Nut. 7 Marks
 - ii) Define Germplasm. What is the importance of germ plasm conservation? 7 Marks
- OR
- i) Explain the harvesting and processing of any two oil-yielding plantation crops. 7 Marks
 - ii) Describe in detail: a) Difference between plantation crops and fruit crops b) Economic importance of plantation crops c) plantation crops. 7 Marks

QUESTION-3 Write the following

- i) Explain the varieties and economic importance of Cinnamon. 7 Marks
 - ii) Write the varieties, propagation methods and give the health benefits of Black pepper. 7 Marks
- OR
- i) Give a detailed account of seed spice: Clove. 7 Marks
 - ii) Explain the economic importance of Cardamom along with its chemical constituents and varieties. 7 Marks

QUESTION-4 Write the following

- i) Explain the flowering, fruit set, harvesting and storage of Black pepper and Cumin. 7 Marks
 - ii) Explain: Physiology of flowering and pollination. 7 Marks
- OR
- i) Write a note on Germ plasm conservation for production of spices. 7 Marks
 - ii) Explain in detail: Harvesting and storage of any two seed spices. 7 Marks

QUESTION-5

14 Marks

* Attempt any seven out of twelve.

1. Write cultivars of Tea.
2. Write cultivars of coffee.
3. Write the nutritional value of plantation crops.
4. Define pollination
5. Define production technology.
6. Give any two health benefits of Aloe.
7. Give the scientific names of any two varieties of Turmeric.
8. Write a nutritional value of spices.
9. Write a value added products using spices and medicinal plants
10. Give any two names of seed spices.
11. What is processing and value addition?
12. Define seed storage for production of spices.