

MSc Sem.-1 Examination

403

Horticulture & Garden Management

February-2025

Time : 2-30 Hours]

[Max. Marks : 70

QUESTION-1 Write the following

- i) Give the economic importance of Mango. 7 Marks
- ii) Explain the propagation techniques for production of Mango. 7 Marks

OR

- i) Explain the economic importance of Chickoo 7 Marks
- ii) Explain the propagation techniques for production of Banana. 7 Marks

QUESTION-2 Write the following

- i) Write a note on: Germplasm conservation of fruits. 7 Marks
- ii) Give a detailed account on: Storage technology of fruits. 7 Marks

OR

- i) Explain ripening of fruits with example. 7 Marks
- ii) Write a note on: Harvesting methods of fruits. 7 Marks

QUESTION-3 Write the following

- i) Explain in details: significant locally grown root vegetables radish, carrot, beet and its cultivars. 7 Marks
- ii) Describe the agro techniques for the production of vegetables and recent trends in propagation for olericulture. 7 Marks

OR

- i) Explain in details: significant locally grown miscellaneous vegetables bhindi, chilli, bottle gourd and its cultivars. 7 Marks
- ii) Describe any two exotic vegetables in detail. 7 Marks

(P.T.O)

QUESTION-4 Write the following

- i) Explain type of plants based on their light requirement. 7 Marks
- ii) Explain pollination in detail. 7 Marks

OR

- i) Write value addition in vegetables. 7 Marks
- ii) Write vegetable preservation techniques. 7 Marks

QUESTION-5

14 Marks

▪ Attempt any seven out of twelve.

1. Name any two cultivars of Chickoo.
 2. Name any two cultivars of Mango.
 3. Name any two cultivars of papaya.
 4. What is cryopreservation?
 5. What is seed storage?
 6. Define Biodiversity.
 7. What is olericulture?
 8. Give any two locally grown leaf vegetables common name and botanical name with its family.
 9. Define: Exotic vegetables.
 10. Write advantages and disadvantages of hand-harvesting.
 11. Write four value added products of lemon.
 12. Write four value added products of potato.
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