

2025 II 21

0930

Seat No.

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Time : 2 Hours

POMOLOGY

Subject Code

V	4	3	8	3
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Total No. of Questions : 23 (Printed Pages : 4)

Maximum Marks : 50

- INSTRUCTIONS :**
- (i) There are *four* sections in the question paper (A, B, C and D) consisting of total 23 questions.
 - (ii) In section A, there are eight questions of which, question numbers **1** to **4** are multiple choice questions and question numbers **5** to **8** are to be answered in *one* or *two* sentences each.
 - (iii) Attempt *all* the questions. However, internal choice is given to question numbers **20** and **23**.
 - (iv) Figures to the right indicate marks allotted to each question.
 - (v) Write the number of each question clearly on the answer-book.

Section-A

1. The Plant is used as rootstock in sapota grafting. 1
- turpentine
 - khirni
 - tangerine
 - flying dragon

2. Citrus canker disease of lemon is caused by 1
- fungus
 - bacteria
 - virus
 - nematode
3. The product obtained from drying whole mature arecanut in the sun is 1
- chali supari
 - kalipak supari
 - red supari
 - kali supari
4. Taxonomical family to which custard apple belongs 1
- Rutaceae
 - Musaceae
 - Annonaceae
 - Cucurbitaceae
5. Name the proteolytic enzyme present in papaya fruit which helps in the digestion of protein rich food. 1
6. What do you mean by propping in banana ? 1
7. State any *two* examples of cushioning material used in packaging of agricultural produce to resist friction during transport and handling. 1
8. What do you mean by precooling ? 1

Section B

9. Complete the following table with respect to seed rate requirement of ginger and cardamom. 2

Spices	Seed rate/ha
Ginger	
Cardamom	

10. Write down the advantages of Corrugated Fibre Board boxes. 2
11. Draw a neat labelled diagram of pineapple plant and show its propagating materials. 2
12. Draw a neat labelled diagram of black pepper plant and show different types of shoots. 2
13. Write a short note on top working in Nutmeg plant. 2
14. Calculate the cost of cultivation of banana orchard in an area of about 630 sqm, spacing followed is 3×3 m. Cost of one sucker is Rs. 60. Cost of digging and refilling is Rs. 50. Cost of fertilizer is Rs. 30. 2

Section-C

15. Name *two* types of jackfruit cultivars based on the firmness of the bulb.
Write down the maturity indices of jackfruit. 3
16. Define Post-Harvest Technology. Write down the importance of Post-Harvest Technology. 3
17. Discuss the cultivation of turmeric with respect to : 3
- (a) Harvesting of turmeric
- (b) Preservation of seed rhizome.

18. Name the product with high medicinal value that is obtained from kokum seeds. State any *four* health benefits of kokum. 3
19. State any *two* planting methods followed in pineapple cultivation. Write a short note on flower regulation in pineapple. 3
20. Discuss the cultivation of papaya with respect to : 3
- (a) Soil requirement
- (b) Planting.

Or

Write down the symptoms observed when papaya plant is affected by papaya mosaic and suggest three control measures taken to check the spread of the disease.

Section-D

21. Write down the criteria which should be considered for : 4
- (a) Selection of arecanut mother palm.
- (b) Selection of arecanut seedlings for planting.
22. Discuss the cultivation of Banana with respect to : 4
- (a) Propagation
- (b) Planting.
23. Explain in detail the procedure for preparing sweet mango chutney. 4

Or

What do you mean by jam ? Explain in detail the procedure for preparing mango jam.