

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD
SEMESTER END THEORY EXAMINATION

B.Sc. (Hons.) Agriculture

Semester : III (New)	[ICAR - Staff Deans' Committee Syllabus]	Acad. Year : 2025-26
Course No. : HORT-232	Title : Production Technology of Fruit and Plantation Crops	
Credit Hrs. : 2(1+1)	Time : 10:00 to 12:00 hrs.	Total Marks : 40
Day, Date : Thursday, 18.12.2025		

Note: Draw neat diagram wherever necessary

SECTION 'A' : Questions with Descriptive Long Answers (Any 4)

Marks

- | | | |
|-----|---|--------|
| Q.1 | Explain the production technology of Mango on the following points:
a) Soil and Climate
b) Propagation and Planting
c) Harvesting and Yield | 6 |
| Q.2 | Describe the Sapota production on the following aspects:
a) Soil and Climate
b) Nutrient management
c) Planting
d) Harvesting and Yield | 6 |
| Q.3 | Write in detail the production technology of Papaya on the following points:
a) Propagation
b) Soil and Climate
c) Fertigation
d) Maturity indices and Yield | 6 |
| Q.4 | Explain the cultivation practices for Guava production on the following aspects:
a) Soil and Climate
b) Propagation and Planting
c) Nutrient management
d) Harvesting and Yield | 6 |
| Q.5 | a) Write the classification of fruit crops based on climatic adaptability.
b) Write the scope and importance of plantation crops. | 3
3 |
| Q.6 | a) Explain the nutrient management in Pineapple.
b) Describe harvesting and yield of Cashew. | 3
3 |

SECTION 'B' : Questions with Descriptive Short Answers (Any 4)

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|------|--|---|
| Q.7 | Write in short the use of plant growth regulators in Citrus. | 2 |
| Q.8 | Write in short maturity indices of Banana. | 2 |
| Q.9 | Write in brief about harvesting of Jackfruit. | 2 |
| Q.10 | Write in short about training in Ber. | 2 |
| Q.11 | Comment on training and pruning in Apple. | 2 |

SECTION 'C' : Objective-type compulsory Questions

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|------|---|---|
| Q.12 | Define the following terms:
1) Plantation crops
2) Plant growth regulators
3) Training
4) High density planting | 4 |
| Q.13 | Fill in the blanks:
1) 'Ratna' is a variety of _____ crop.
2) Coconut is propagated by _____.
3) Bitter Pit in Apple is due to _____ deficiency.
4) Botanical name of Tea is _____. | 4 |