MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, JUNE

SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

[Fifth Deans' Committee Recommended Syllabus]

Semester	: IV	Term	: Second	Academic Year	: 2024-25
Course No.	: HORT 243	Title	: Production Technology for Fruit and Plantation Crops		
Credits	: 2(1+1)				
Day & Date	: Tuesday, 22.04.2025	Time	: 9:00 to 11:00 hrs.	Total Marks	: 40

Note :
1. Solve ANY EIGHT questions from SECTION 'A'.
2. All questions from SECTION 'B' are compulsory.
3. All questions carry equal marks.
4. Draw neat diagram wherever necessary.

SECTION 'A'

Q.1 How cultivation of fruit and plantation crops is important in India? Discuss in brief.

Q.2 Describe the cultivation of Mango on the following aspects:

a) Soil and Climate
b) Propagation and Different rootstocks
c) Manures and Fertilizers
d) Harvesting and Yield

Q.3 Discuss in detail the cultivation of Banana on the following points:

a) Uses and Nutritive value
b) Ecophysiological requirement
c) Propagation and Planting
d) Harvesting and Yield

Q.4 Write the cultivation of Coconut on the following aspects:

a) Soil and Climate
b) Propagation and Planting
c) Improved varieties
d) Harvesting and Yield

Q.5 Give detailed cultivation of Sweet Orange on the following points:

a) Ecophysiological requirement
b) Manures and Fertilizers
c) Varietal wealth
d) Harvesting and Yield

Q.6 Write the cultivation practices of Cashew nut about:

a) Uses
b) *In-situ* grafting
c) Manures and Fertilizers
d) Processing

Q.7 Discuss the cultivation of Pomegranate in respect of:

a) *Ambe bahar* management
b) Training and Pruning
c) Grading
d) Cracking or Splitting of fruit

Q.8 Write in detail about Papaya on:

a) Uses
b) Reasons of popularity
c) Varieties with sex form
d) Propagation and Seed treatment

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Q.9 Give the information on:

a) Dry and Wet processing of Coffee

b) Super intensive cultivation of Guava

Q.10 Describe the cultivation of Tea on the following points:

a) Ecophysiological requirement

b) Training

c) Pruning

d) Processing by black or fermented method

SECTION 'B'

Q.11 Answer in one sentence:

1) Which is the Biofortified variety of Pomegranate?

2) Which type of girdling is risky in Grape?

3) Which methods of budding are used for propagation of Rubber?

4) Why new Litchi plants should be grown in soil taken from vicinity of old trees of Litchi?

Q.12 Do as directed:

1) Name any two Banana hybrids.

2) How Strawberry is propagated?

3) State dwarfing rootstock of Apple.

4) Which Areca nut fruits are best for Chali?

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