

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture

Semester	: IV (New)	Term	: Second	Academic Year	: 2023-24
Course No.	: HORT 243	Title	: Production Technology for Fruit and		
Credits	: 2 (1+1)		Plantation Crops		
Day & Date	: Thursday, 02.05.2024	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 Discuss the importance of fruit and plantation crops in India.
- Q.2 Write in detail cultivation of Coconut on the following points:
- a) Soil and Climate
 - b) Propagation and Selection of seedling
 - c) Improved varieties
 - d) Harvesting and Yield
- Q.3 Define High Density Planting and describe the factors affecting HDP.
- Q.4 Write about cultivation of Guava with respect to the following points:
- a) Planting
 - b) Nutrition
 - c) Varieties
 - d) Harvesting and Yield
- Q.5 Describe cultivation of Grapes with respect to the following points:
- a) Propagation and Rootstocks
 - b) Training and Pruning
 - c) Varieties
 - d) Harvesting and Yield
- Q.6 Discuss different physiological disorders and their control in Citrus.
- Q.7 Write cultivation of Banana on the following points:
- a) Soil and Climate
 - b) Varieties
 - c) Propagation and Planting
 - d) Harvesting and Yield
- Q.8 Write cultivation of Mango on the following points:
- a) Soil and Climate
 - b) Propagation and Planting
 - c) Manuring and Irrigation
 - d) Harvesting and Yield
- Q.9 Write short notes on (Any Two):
- a) Various clonal rootstocks in Apple
 - b) Propagation in Pomegranate
 - c) Important varieties of Arecanut
- Q.10 Write in detail cultivation of Cashew nut on the following points:
- a) Soil and Climate
 - b) Propagation and Planting
 - c) Improved varieties
 - d) Harvesting and Yield

(P.T.O.)

SECTION 'B'

Q.11 Match the pairs:

'A'

- 1) Papaya
- 2) Strawberry
- 3) Rubber
- 4) Tea

'B'

- a) Camelliaceae
- b) Euphorbiaceae
- c) Runner
- d) Dioecious

Q.12 Fill in the blanks:

- 1) Latex of Papaya fruit which helps in digestion of protein, is known as _____.
- 2) The botanical name of Peach is _____.
- 3) 'Gandaki Lalima' is the new variety of _____ released by ICAR.
- 4) In Pineapple, among suckers, slips and crowns; _____ are supposed to be the best planting material giving early yield.

