

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

Semester	: V (New)	Term	: First	Academic Year	: 2023-24
Course No.	: II/FS 358	Title	: Plantation Crops		
Credits	: 3 (2+1)				
Day & Date	: Monday, 4.12.2023	Time	: 14:00 to 17:00 hrs.	Total Marks	: 80

- 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 a) Explain in brief the importance of plantation crops in India.
b) Describe in brief constraint of export of plantation crops.
- Q.2 a) Describe in detail the propagation and planting of arecanut.
b) Write the procedure for preparation of Kalipak.
- Q.3 Describe the cultivation of rubber on the following points:
a) Soil and Climate b) Varieties
c) Harvesting and Yield d) Physiological disorder
- Q.4 Comment on post-harvest management of coconut. Write in brief the types of varieties of coconut.
- Q.5 Write in brief about the following points (Any Two):
a) Oil extraction from oil palm
b) Propagation and Planting in Palmyrah palm
c) Climate and soil of coconut
- Q.6 Describe in detail the plucking and processing of tea.
- Q.7 Write about the cultivation of cashew nut on following points:
a) Soil and Climate b) Propagation and Planting
c) Varieties d) Harvesting and Yield
- Q.8 Write in brief about the cultivation of cocoa on following points:
a) Soil and Climate b) Propagation and Planting
c) Varieties d) Harvesting and Yield
- Q.9 Write in brief about the cultivation of coffee on the following points:
a) Soil and Climate b) Propagation and Planting
c) Varieties d) Pruning
- Q.10 Describe in short the cultivation of betelvine on the following points:
a) Soil and Climate b) Propagation and Planting
c) Training of vines d) Yield

(P.T.O.)

SECTION 'B'

Q.11 State True or False:

- 1) Palmyrah palm is dioecious in nature.
- 2) The cured coffee is called red coffee.
- 3) In tea, first plucking of recovering bushes is called Tipping.
- 4) Coconut ripens in 1-2 months from the opening of the inflorescence.
- 5) Rubber belongs to family Euphorbiaceae.
- 6) Cashew Research Station in Maharashtra is situated at Ratnagiri.
- 7) The young cocoa fruit is called Cherelle.
- 8) In oil palm, Tenera is a cross of Dura and Pisifera.

Q.12 Define the following terms:

- 1) Plantation crop
- 2) Ablation
- 3) Mulching
- 4) Hulling
- 5) Skiffing
- 6) Plucking
- 7) Soft wood grafting
- 8) Chali

