

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hons.) Horticulture

Semester : V (New)	Term : I	Academic Year : 2019-20
Course No. : H /FS 358	Title : Plantation Crops	
Credits : 3(2+1)	Time : 14.00 to 17.00	Total Marks : 80
Day & Date : Monday, 04.11.2019		

- 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 diagrams wherever necessary.

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SECTION "A"

- Q.1 Explain in brief importance and scope for cultivation of plantation crops in India.
- Q.2 Describe the cultivation of arecanut on the following points.
- a) Soil and climate
 - b) Propagation and planting
 - c) Varieties
 - d) Mixed cropping
- Q.3 Write in brief about cultivation of oil palm on the following points.
- a) Soil and climate
 - b) Propagation and planting
 - c) Manuring and fertilizers
 - d) Oil extraction
- Q.4 Write in brief about cultivation of cocoa on the following points.
- a) Soil and climate
 - b) Propagation and planting
 - c) Cocoa products
 - d) Harvesting and yield
- Q.5 Write short notes. (Any Two)
- a) Plucking in tea
 - b) Top working in cashew
 - c) Processing of arecanut
- Q.6 Describe the cultivation of coconut on the following points.
- a) Soil and climate
 - b) Propagation and planting
 - c) Varieties
 - d) Harvesting
- Q.7 Write about the cultivation of cashew nut on the following points.
- a) Soil and climate
 - b) Propagation and planting
 - c) Varieties
 - d) Harvesting and yield
- Q.8 Write short notes. (Any Two)
- a) Tapping and preservation of rubber
 - b) Wet method of coffee processing
 - c) Tipping and harvesting of tea

(P.T.O.)

Q.9 Describe in short the cultivation of betel vine on the following points.

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|----------------------|-----------------------------|
| a) Soil and climate | b) Propagation and planting |
| c) Training of vines | d) Yield |

Q.10 Describe the cultivation of palmyrah palm on the following points.

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|---------------------|-----------------------------|
| a) Soil and climate | b) Propagation and planting |
| c) Yield | d) Tapping methods |

SECTION "B"

Q.11 State True or False.

- 1) Coconut is a monoecious crop.
- 2) Coffee belongs to family Rubiaceae.
- 3) Cashew apple is rich source of vit-c.
- 4) Skiffing is practiced in Tea.
- 5) Collar pruning is practiced in coconut.
- 6) Pink disease is observed in Rubber plantation.
- 7) Chilling temperature for flowering is compulsory for plantation crops.
- 8) Rhinoceros beetle pest observed in coconut.

Q.12 Do as directed.

- 1) Give Betel vine variety.
- 2) Give Coffee variety.
- 3) Give Pest of tea.
- 4) Palmyrah palm belongs to family_____.
- 5) Central Plantation Crop Research Institute is located at_____.
- 6) Cashew varieties evolved at RFRS, Vengurla are_____.
- 7) Cocoa belongs to family_____.
- 8) Rubber belongs to family_____.

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