

KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Agriculture – 2008 Admission
IInd Semester Final Examination - September 2009

Cat. No. : Hort 1202
Title : Plantation Crops (1+1)

Max. marks: 80
Time : 3 hours

I. Fill up the blanks/Match the following/State True or False: (20 x 0.5 = 10)

Fill up the blanks

1. In India the area under cultivation of coconut is and the production is
2. The inflorescence type in coconut is a
3., are the important varieties of cocoa.
4. Cocoa pod takes about days to develop from formation to maturity.
5. The best season for beheading of cashew trees for top working is to
6. Budded rubber trees are tapped on
7. is the weevil which aids pollination in oil palm.
8., are the high yielding popular varieties of arecanut.
9. is a permanent shade tree in tea plantation.
10. Coffee is native to

Match the following

- | | | |
|------------|---|--------------------|
| 11. Coffee | - | a. Indonesia |
| 12. APCC | - | b. Arecanut |
| 13. CAMPCO | - | c. Patch budding |
| 14. Rubber | - | d. Short day plant |

True or False

15. Cocoa is grown as intercrop in coconut and arecanut gardens.
16. Coconut is a monoecious plant.
17. Kanaka is a variety of coffee.
18. In cashew both bisexual and staminate flowers are intermixed in the same florescence.
19. Intensive tapping prior to felling of the old trees of rubber is called slaughter tapping.
20. In coffee pruning is done in alternate years.

II. Write answers in a word or sentence/Define

(10 x 1 = 10)

1. Write two hybrid varieties of coconut.

2. What is the normal yield of Arecanut/palm
3. Write two popular rubber clones under cultivation in Kerala.
4. What is the present area and production of cashew in India.
5. What is the stage of harvest of arecanut for kottapak.

Define

6. Ablation
7. Tipping
8. Elephant bean
9. Chupon shoot
10. Tapping

III. Write short notes/answers etc. on ANY TEN

(10 x 2 = 20)

1. Write the criteria for selection of mother palm in coconut.
2. Write the planting techniques in arecanut.
3. Write about the harvesting of arecanut.
4. Manuring of adult coconut palms.
5. Nursery techniques in oil palm.
6. Write about the tapping systems followed in rubber
7. Intercropping in cashew plantations.
8. Budding techniques in rubber.
9. Cocoa pruning.
10. Differentiate between Criollo and Forestero varieties
11. Describe two popular varieties of tea.
12. Training and pruning of tea.

IV. Write short essays on ANY FOUR of the following

(4 x 5 = 20)

1. Selection of mother palm, seed nuts and nursery raising techniques in arecanut
2. Nutrient management for nursery and adult rubber plants
3. Soil and nutrient management in tea
4. High density planting and rejuvenation of old cashew plantations
5. Arecanut based cropping systems
6. Nursery raising and planting techniques of cocoa

V. Write essays on ANY TWO

(2x 10= 20)

1. Training and pruning, shade and nutrient management in coffee
2. Describe any four important hybrid varieties and coconut based cropping systems
3. Varieties, planting and management of oil palm