

KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Agriculture – 2009 Admission - IInd Semester
Final Examination - August 2010

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

Max. marks: 80
 Time : 3 hours

I. Fill in the blanks

7 x .5 = 3.5

1. The parents of coconut hybrid Chandra sankara are _____ and _____
2. Standard plucking in tea is _____ and _____
3. Coffee belongs to the family of _____
4. Cocoa has three main botanical cultivars _____ and _____
5. _____ is the largest producer of Natural rubber in the world.
6. Cashew nut shell liquid is extracted from the _____
7. Oil palm is monoecious with _____ and _____ inflorescence produced _____ on the same palm.

Match the following

7 x .5 = 3.5

- A**
1. Oil palm
 2. Kera Ganga
 3. Goa – 1
 4. Tenera
 5. South Kanara
 6. UPASI – 1
 7. Skiffing

- B**
1. Cashewnut
 2. Oil palm
 3. Arecanut
 4. Coonoor
 5. Tea
 6. Pedavegi
 7. WCT x GB

State true or false

6 x .5 = 3.0

1. Tea shoot, unfolds leaves on ^e after another on unfolding ultimate leaf of a flush discløses a small bud is known as banjhi
2. San Ramon is popular dwarf variety of arecanut.
3. Cocoa is generally known to be self in compatible
4. An unequally distributed rainfall of 125mm per month is essential to maintain rubber
5. Desiccated coconut is the white kernel comminuted and desiccated to a moisture content of less than 3%
6. Bhubaneswar – 1 is the variety of cashewnut released from Vengurla

II. Write answers in a word or sentence/Define

10 x 1 = 10

1. Spacing adopted for Areca catechu
2. Fully riped dehusked graded nuts of Areca catechu in known as
3. The dried endosperm of coconut is called
4. Buds from leaf of tea are removed from the stem above 20cm from ground level with apex
5. Main stem and subsequently the laterals are sent with the help of pegs.
6. Major coffee producing state in India
7. Crown budding is widely adopted in
8. Mucuna bracteata is a ground cover crop adopted in plantation of
9. Common preservative for field latex
10. Tapping knife commonly used in India is

III. Write short notes / answer any ten

10 × 2 = 20

1. Medicinal value of tea
2. Climatic requirement for Arecanut
3. Desiccated coconut
4. Propagation of oil palm
5. Harvesting in tea
6. Latex stimulation
7. Shade regulation in tea
8. Cocoa harvesting
9. Propagation in Arecanut
10. Softwood grafting in cashew
11. Irrigation methods of coconut
12. Tapping system in rubber

IV. Write short essays on any four of the following

4 × 5 = 20

1. Climatic requirement of tea
2. What are the different prunings adopted in coffee?
3. Explain in brief about epicotyl and softwood grafting in cashew
4. What do you understand by cover, inter and mixed cropping in coconut with examples.
5. Write about the varieties in Arecanut explain each with specific features.
6. What are the system of planting adopted in plantation crops? explain

V. Write essay on any two

2 × 10 = 20

1. Plantation crops are a source of building Indian economy explain with details.
2. Write the details of climate, soil, propagation, management of young and old tea plantation.
3. Write about the selection of nut, raising of seedling and nursery management in coconut.