

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons.) Ag. Programme
IInd Semester Re-Examination- August -2014

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

Marks: 80
Time: 3 hours

I. Define the following: (10x1= 10)

1. Chali
2. Bole
3. Makapuno
4. Pea berry
5. Ablation
6. Banjhi
7. Fly picking
8. Polygamomonoecious
9. Clone
10. Chupon

II. Write short notes on **any ten** of the following: (10x3=30)

1. Intercropping in coconut garden
2. Improved varieties of arecanut
3. Assisted pollination in oil palm
4. Vegetative propagation of tea
5. Grading of cashew kernel
6. Physiology of flowering in coffee
7. Cashew hybrids released from KAU
8. Related species of *Hevea*
9. Mother plant and seedling selection in arecanut
10. Tapping of rubber
11. Manuring of adult coconut palms
12. Training and pruning in cacao

III. Write short essays on **any six** of the following: (6x5=30)

1. Drought management in coconut garden
2. Improved varieties of cacao
3. Extraction of palm kernel oil
4. Tea plucking
5. Harvesting of coffee
6. High density planting in cashew

7. Vegetative propagation in para rubber
8. Post harvest processing of arecanut

IV. Write an essay on **any one** of the following:

(1x10=10)

1. Describe in detail the various steps involved in harvesting, post harvest handling and processing of oil palm bunches for extraction of palm oil.
2. Explain the hybridization techniques in coconut and the hybrids evolved by various research organizations in south India.