



**KERALA AGRICULTURAL UNIVERSITY**

**B.Sc. (Hons.) Ag. 2016 Admission**

**III Semester Final Examination-February-2018**

**Hort.2102**

**Production Technology for Plantation Crops (2+1)**

**Marks: 50**

**Time: 2 hours**

**I Fill in the blanks (10x1=10)**

- 1 The flowering to harvest period in arecanut is -----months.
- 2 Most important tall coconut variety in Kerala is -----
- 3 -----is a hybrid cocoa released by KAU
- 4 The scientific name (with author) of oil palm is -----
- 5 Rubber plant produces one eatable or consumable item also, viz.,-----
- 6 Recommended spacing for cashew is-----
- 7 UPASI is located in -----Dist in-----State
- 8 Gregarious flowering is seen -----Plantation Crop
- 9 Nature of flower production in cocoa is known as -----
- 10 The system of planting in oil palm is-----

**II Write Short notes on ANY FIVE of the following (5x2=10)**

- 1 Explain planting in tea
- 2 Describe selection of site for arecanut and how mother palms are selected
- 3 How leaf pruning is done in Oil palm
- 4 Is harvesting in coconut is a problem ? If so mention solutions
- 5 Comment in detail sex forms of palms
- 6 Describe the significance of tender coconut in coconut industry
- 7 Button shedding in coconut

**III Answer ANY FIVE of the following (5x4=20)**

- 1 Explain how seedlings are selected in arecanut
- 2 High density planting in Cashew
- 3 Comment on the shade requirement and regulation of shade in plantation crops you studied
- 4 Training and pruning in Cocoa
- 5 Describe in detail about tapping in Rubber
- 6 Elucidate hybrid production in coconut
- 7 Explain manuring in oil palm

**IV Write an essay on ANY ONE of the following (1x10=10)**

- 1 Elaborate coconut cultivation under the following headings
  - a Climatic requirement
  - b List of dwarf varieties
  - c Seedling production
  - d Mother palm selection
  - e Harvesting and yield
- 2 Discuss coffee cultivation under the following headings
  - a Soil and climate for Arabica coffee
  - b Planting materials
  - c Manuring of Robusta coffee
  - d Irrigation
  - e Harvesting

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