



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc. (Hons.) Ag 2017 Admission**  
**III Semester Final Examination-January-2019**

Hort.2102

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

**Marks: 50**  
**Time: 2 hours**

**I Match the following**

**(10x1=10)**

<b>A</b>	<b>B</b>
1 Mangala	a Tender nuts
2 Dura	b Cashew hybrid
3 CGD	c Tall variety of Coconut
4 Pisifera	d Areca nut
5 Tall variety	e Thick shell
6 Dwarf variety	f Dwarf variety of Coconut
7 Challi	g Shell less
8 Kalipak	h Cross pollination
9 Dhana	i Self-pollination
10 Andaman Ordinary	j Mature nuts

**II Write Shortnotes on ANY FIVE of the following**

**(5x2=10)**

- 1 Define Plantation crops and list out important institutions in India working on different plantation crops.
- 2 Steps involved in processing of cashew nut.
- 3 Processing steps of oil palm.
- 4 Soil and climatic requirement for arecanut.
- 5 Training and pruning in coffee.
- 6 Methods of tapping in rubber.
- 7 Improved varieties of cocoa with any two major features.

**III Answer ANY FIVE of the following**

**(5x4=20)**

- 1 Problems and prospects of arecanut cultivation in India.
- 2 High density planting and pruning techniques in cashew.
- 3 Coconut based intercropping system in Kerala.
- 4 Soil, climate, propagation and planting techniques of rubber.
- 5 Processing of coffee.
- 6 Scope, importance and constraints of plantation crops in India.
- 7 Differentiate between types of oil palm.

**IV Write an essay on ANY ONE of the following**

**(1x10=10)**

- 1 Coconut- climate, soil, propagation, varieties, nutrient requirement, harvesting and yield.
- 2 Top working, rejuvenation, grading and packing in cashew.

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