

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Forestry 2014 &2015 Admissions

Ist Semester Final Theory Re- Examination- March-2017

Cat. No: Fmau.1101.

Marks: 50.00

Title: Fundamentals of Horticulture (2+1)

Time: 2 hours

I Fill up the blanks

(10x1=10)

1. For botanical classification of horticultural crops, ----- (part of plant) is taken as the main basis.
2. Fully ripened, dried, dehusked arecanut is called -----
3. Navyasri is a variety of ----- (crop).
4. Maximum area under mango in India is in ----- (state).
5. Cardamom type cultivated in Karnataka is -----
6. ----- is used as coagulant in rubber.
7. NRC for onion and garlic is located at -----
8. Katte of cardamom is transmitted by -----
9. 15% of extra number of plants can be accommodated in ----- system of layout.
10. ----- is the growth regulator commonly used for mechanical harvesting of fruits.

II Write short notes on any FIVE

(5x2=10)

1. Maturity indices in sapota
2. Use of growth regulators in plant propagation
3. Principles of pruning
4. Advantages of drip irrigation
5. Internal factors affecting fruitfulness
6. Mulching
7. Multistoreyed cropping system

III Write short answers on any FIVE

(5x4=20)

1. Special cultural operations in banana.
2. Spongy tissue in mango and measures to overcome it.
3. Rapid multiplication technique in Black Pepper.
4. Sex conversion in Nutmeg.
5. Seedling selection in coconut.
6. Discuss the role of bio regulators in horticultural crops.
7. Define cropping systems? Briefly explain intercropping and multitier cropping.

IV Write essay on any ONE

(1x10=10)

1. Scope and importance of horticulture.
2. Harvesting and post harvest management in rubber
