

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons) Forestry Degree Programme 2015 Admission
IInd Semester Final Examination-August -2016

Cat. No: Fmau. 1101

Title: Fundamentals of Horticulture(2+1)

Marks:50.00

Time: 2 hours

I. Fill up the blanks

(10x1=10)

1. Commercially cultivated oil palm belongs to _____ group
2. Cocoa is classified as _____ crop
3. _____ is a bio regulator commonly used to induce rooting of cuttings
4. _____ is the king of spices
5. From the nutritional point of view, fruits and vegetables together are named as _____
6. _____ system of planting is followed in hilly areas
7. Damodar and Dharasree are improved varieties of _____
8. _____ is the economic part of clove
9. The term "Horticulture" was developed from two words, _____ and _____
10. Botanical name of litchi is _____

II. Write short notes/ answers on any FIVE

(5x2=10)

1. Horticulture therapy
2. Propagation in sapota
3. Factors that decide planting distance in an orchard
4. Husk burial
5. Plucking standards in tea
6. Flower induction and its usefulness in pineapple
7. How are fruits classified?

III. Write short essays on any FIVE

(5x4=20)

1. Collection of papain from papaya.
2. Main divisions of horticulture.
3. Characters to be taken into consideration for selection of mother palms in coconut
4. Nursery practices of black pepper
5. Fruit drop in mango
6. Assisted pollination, harvesting and processing in oil palm
7. Bearing habits of tree crops

IV. Write an essay on ONE of the following

(1x10=10)

1. Give an account of the production technology of banana under the following heads:
climate and soil requirements, commercial varieties, selection of suckers and planting, manuring, aftercare, harvesting
2. Define bio-regulators. What are the different groups of bio-regulators? Briefly discuss the use of bio-regulators in horticulture crops.