



Safo.1102

**KERALA AGRICULTURAL UNIVERSITY**

**B.Sc. (Hons.) Forestry 2017 Admission**

**I Semester Final Examination-March-2018**

**Introduction to Agronomy & Horticulture (2+1)**

**Marks: 50**  
**Time: 2 hours**  
**(10x1=10)**

**I Fill in the blanks**

1. Application of fertilizer with irrigation water is called-----
2. In Kerala the commonly seen tall variety of coconut is -----
3. Propagation method commonly used in mango is-----grafting
4. ----- is a symbiotic association between fungi and roots of higher plants.
5. A machine used to separate groundnuts kernels from pods is -----
6. ----- is a secondary nutrient.
7. The queen of fruits is -----
8. ----- is a notorious aquatic weed.
9. ----- is an element required for proper root growth.
10. ----- is the water tightly held to soil particles, existing in vapour form.

**II Write Short notes on any FIVE of the following**

**(5x2=10)**

1. What is a climacteric and non-climacteric fruit giving two examples for each.
2. What is the importance of crop rotation?
3. Write down the importance of leafy vegetables in our diet.
4. What are the three important systems of Rice cultivation?
5. What is a seed bed? Why is it important?
6. Pruning methods followed in horticultural crop.
7. What are the important types of multiple cropping? Explain mixed cropping.

**III Answer any FIVE of the following.**

**(5x4=20)**

1. What do you mean by FYM? What are the factors which influence the composition of FYM?
2. Soil and climatic requirement for banana.
3. Describe multitier system followed in coconut plantation?
4. What is budding? Which are the methods followed in budding?
5. What is IPNM? List out the benefits of IPNM.
6. Classification of vegetables based on parts used and cultural requirement.
7. What is tillage? List out the objectives of tillage.

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

**(1x10=10)**

1. Planning and lay out of orchard with special emphasis on planting systems.
2. Methods of irrigation with a brief description about sprinkler and drip method.

\*\*\*\*\*