

# KERALA AGRICULTURAL UNIVERSITY

BS.c (Hons) Forestry 2016 Admission

1<sup>st</sup> Semester Final Examination-March- 2017

Cat. No: Safo 1102

Title: Introduction to Agronomy and Horticulture (2+1)

Marks: 50

Time : 2 hours

## I. Fill in the blanks/State true or false:

(10 x 1=10)

1. The word agriculture is derived from the two Latin words ----- and -----
2. The most important staple food of Kerala is-----
3. The K<sub>2</sub>O content of MOP is -----
4. ----- system of planting is adopted in hilly areas.
5. Growing of trees for aesthetic, educative or scientific purpose is called-----
6. The book "Horse Hoeing Husbandry" was written by -----
7. Application of fertilizers through irrigation water is called fertigation .
8. The area under rubber is less than coconut in Kerala.
9. Evergreen trees shed heir leaves during winter season.
10. Hexagonal system of planting accommodates 50% more trees than square system.

## II. Write short notes on ANY FIVE:

(5x 2=10)

1. Horticultural Therapy.
2. Mulching.
3. Relay cropping.
4. Cover crops
5. High Density Planting.
6. Classification of vegetables based on parts used.
7. Objectives of training.

## III Write answers on ANY FIVE:

(5 x 4=20)

1. Define tillage. Explain Primary tillage and implements used for it.
2. Bio fertilizers in crop nutrition.
3. What are the yield attributing characters in rice.
4. Importance of horticulture with special reference to Kerala.
5. Differentiate between soil fertility and productivity.
6. List out four important varieties each of Mango. Banana , Pineapple and Sapota.
7. Mother palm selection in coconut.

## IV. Write essay on any ONE

(1 x 10=10)

1. What is the Agronomic classification of crops. Give suitable examples.
2. Briefly discuss the commercial application of plant growth regulators in horticultural crops.

\*\*\*\*\*