

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons) Agriculture 2016 Admission
1st Semester Final -Examination-March 2017



Marks: 50

Time : 2 hours

Cat. No: Agro 1101

Title: Fundamentals of Agronomy(2+1)

I. Define the following:

(10 x 1=10)

1. Ideotype.
2. Catch crop.
3. Harvest index.
4. Micronutrient.
5. Noxious weed.
6. Crop rotation.

Differentiate between the following:

7. Green manure and Green leaf manure.
8. Chilling and freezing injury.
9. Fertilizer and manure.
10. Dibbling and drilling.

II. Write short notes/answers on ANY FIVE:

(5x 2=10)

1. Characteristics of good tilth.
2. Beneficial effects of weeds.
3. Objectives of tillage.
4. Allelopathy.
5. Characteristics of good seed.
6. Hidden hunger.
7. Integrated Nutrient Management.

III Write answers on ANY FIVE:

(5 x 4=20)

1. Contribution of Jethrotull to agriculture.
2. Crop geometry with special reference to coconut.
3. Criteria of essentiality and essential elements for plant growth.
4. Biological N fixation.
5. Weed classification based on morphology.
6. Classification of herbicides based on time of application.
7. Herbicide selectivity.

IV. Write essay on any ONE

(1 x 10=10)

1. Explain the factors influencing the growth and yield of crops?
2. Explain different methods of weed control. What are the approaches that can be adopted on integrated weed management in wetland rice?
