

KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Agriculture – 2008 Admission - IIIrd Semester
Final Examination – January-February 2010

Cat. No. : Agro 2105
Title : Field Crops- 1 (2+1)

Max. marks: 80
Time : 3 hours

I. Fill in the blanks /Match the following/ State True or False/Define (10 x 1 = 10)

1. Rice is a plant
2. Green revolution has been most successful in Wheat & Potato (T/F)
3. *Phalaris minor* in wheat can be controlled by using herbicide.
4. The seed rate of Hybrid Maize.....
5. Dormancy in Potato can be avoided by the use of
6. Sweet potato belongs to the family,
7. Tassel is the economic part in Maize (T/F)
8. Optimum temperature for Elephant Foot Yam is
9. Lucerne is a native of
- 10.....is a pre-emergence herbicide applied in Pearl Millet

II. Write short notes/answers on ANY TEN

(10 x 3 = 30)

1. Deep water rice
2. Sorghum effect
3. Soil and climatic requirement for Maize
4. Nutrient Management in Pearl millet
5. TCS
6. Seed treatment for cereals
7. Seed plot technique
8. IWM in Tapioca
9. Pasture management
10. Wheat based cropping system
11. Area and distribution of Tapioca
12. Economic importance of minor tuber crops

III. Write short essays on ANY SIX of the following

(6 x 5 = 30)

1. Discuss the production constraints of Rice in major ecosystem

2. Briefly explain the package of practices for Wheat
3. Illustrate the production technology for Potato
4. Briefly explain about Hay and Silage making
5. Explain the economic importance of Hybrid Napier and furnish the production technology for Hybrid Napier
6. Discuss about different grazing system
7. Integrated Pest Management in Tapioca
8. Cultivation aspects of legume fodder

IV. Write essay on ANY ONE

(1 x 10 = 10)

1. Discuss about Integrated Nutrient Management for Rice
2. Classify the forage crops. Discuss the constraints on forage production and preservation.