

KERALA AGRICULTURAL UNIVERSITY

B.Sc.Hons (Ag) 2012 & Previous Admission
IIIrd Semester Re- Examination-February -2016

Cat. No: Agro 2105

Marks: 80.00

Title: Field Crops -I (2+1)

Time: 3 hours

I Answer the questions

(10 x 1=10)

Write the name of crops against its varieties

Varieties	Crops
1. Rohini	a.
2. Sree Prakasm	b.
3. Sree Vardhini	c.
4. Sree Rupa	d.
5. Sree Pallavi	e.

State True or False

6. *Striga lutea* is a total root parasitic weed found in Sorghum fields
7. Golden rice is rich in Vitamin A
8. Tapioca grows best under warm humid tropical climatic conditions
9. Duration of *Amorphophallus* is 5-6 months
10. CTCRI Head Quarters is at Kasarkode

II Answer any ten questions

(10 x 3=30)

1. Economic importance of Small Millets
2. Sowing and fertilizer management for sorghum
3. Cultivated wheat spp. in India and their importance
4. Seed arte and fertilizer recommendation for pearl Millet
5. Greater yam and Lesser Yam
6. Training and pruning in sweet Potato
7. Climatic requirement and planting of Colocassia
8. Inter cropping in Cassava
9. List out the tree legumes and discuss cultivation techniques of any one
10. Leguminous Fodder crops
11. Seed plot technique
12. Deep water rice

III Answer any Six questions

(6 x 5=30)

1. Briefly explain the package of practices of wheat

3. Give the production technology for potato
4. Give the package of practices for Finger Millet
5. Role of Tuber crops in Indian agriculture
6. Describe the manuring and intercultural operations for Sweet Potato
7. Give the package for fodder sorghum and describe the Grazing system
8. Give the agronomic practices for Hybrid Napier grass

IV Write essay on Any ONE

(1 x 10=10)

1. Give an account of different systems of rice cultivation and integrated nutrient and weed management practices for transplanted rice
2. Discuss about the role of forage crops in Indian agriculture and preservation of Hay and Silage making technology