

KERALA AGRICULTURAL UNIVERSITY

B.Sc.Hons (Ag) 2014 Admission

IIIrd Semester Final Examination-January -2016

Cat. No: Agro 2105

Marks: 50.00

Title: Field Crops I (2+1)

Time: 2 hours

I Answer all questions

(10 x 1=10)

1. Method of land preparation for rice is called _____
2. Optimum number of sets of tapioca required to plant one hectare of area is _____
3. Critical stage of water requirement in wheat _____
4. Botanical name of guinea grass _____
5. Example for tree fodder _____
6. To enrich the non legume silage, potash spraying is done (True/False)
7. Golden rice is a rich source of vitamin A (True/False)
8. Khaira disease of rice is due to Zn deficiency (True/False)
9. Normal seed rate of wheat
a) 50 kg/ha b) 75 kg/ha c) 100 kg/ha d) 125 kg/ha
10. Productivity of rice is highest in
a) Haryana b) Punjab c) West Bengal d) Uttar Pradesh

II Answer any Five questions

(5 x 2=10)

1. Discuss the importance of agrostology in livestock production
2. Give varieties, seed rate and fertilizer requirement for colocasia
3. Fertilizer schedule for Congo signal, gamba grass and setaria
4. True potato seed (TPS) - Discuss
5. Write the fertilizer requirement of transplanted rice
6. List out the tree legumes and discuss cultivation techniques of any one
7. What is mean by sorghum poisoning and discuss in brief

III Answer any Five questions

(5 x 4=20)

1. Enumerate the procedures involved in silage making
2. Discuss the different systems of rice cultivation
3. List out the economic importance of aroids
4. Give a detailed account of natural and artificial pasture management
5. Discuss soil and climatic requirements for sorghum and barley
6. List out all the minor millets and write production technologies for any one of the minor millets
7. List out the types of maize and discuss in detail

IV Write essay on Any ONE

(1 x 10=10)

1. Discuss the agro techniques involved in the production of wheat
2. Varieties, sowing, fertilizer, irrigation and weed management in potato and sweet potato