

Cat. No: Agro.3108

Marks: 50.00

Title: Cropping pattern and Farming systems (1+1)

Time: 2 hours

I Define the following

(10 x 1=10)

1. RYT
2. Annidation
3. Farming system research
4. Multiple cropping
5. Cropping scheme
6. LEISA
7. Cropping intensity
8. Aggressivity
9. Allelopathy
10. Trap crop

II Write short notes on any FIVE questions

(5 x 2=10)

1. Differentiate between row inter cropping and relay inter cropping with one example each
2. Write about polyfish culture
3. Differentiate between social forestry and agroforestry
4. What are the factors to be considered in preparation of a cropping scheme
5. What do you mean by precision farming? How it differ from other farming systems
6. What are the measures to minimize the competition in a cropping system
7. Crop rotation enhances soil fertility. Justify

III Write short essay on any FIVE questions

(5 x 4=20)

1. Write about the homestead farming in Kerala
2. Explain the role of green manures in rice based cropping system
3. Write about integrated nutrient management in sustainable agriculture
4. What is organic recycling .How this can achieved in coconut
5. How does better utilization of farm resources can be achieved
6. What is yield advantage? What are the criteria to assess it
7. What is crop planning? What are the necessary pre requisites to prepare a crop plan

IV Write essay on any ONE

(1 x 10=10)

1. Agroforestry is a better tool in alternate land use system-Comment
2. Discuss about the integrated farming system models for uplands and lowlands