

KERALA AGRICULTURAL UNIVERSITY
B.Sc (Hons.) Agriculture – 2009 Admission Vth Semester
Final Examination – January / February 2012

Title : Agro. 3108

Marks : 80

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

Time : 3 Hours

I. Define the following

(10x1=10)

1. Cropping systems
2. Monoculture
3. Trap crops
4. Strip cropping
5. Relay crops
6. Contingency cropping
7. Silviculture
8. Ley farming
9. Crop calendar
10. Ratoon crops

II. Write short notes on ANY TEN

(10x3=30)

1. Cropping intensity
2. Farming systems
3. Diversified farming
4. Social forestry
5. Companion crops
6. Row intercropping
7. Multiple cropping index
8. Agri-horticulture
9. Banana based cropping system
10. Multipurpose trees for home gardens
11. Cropping pattern
12. Cover cropping

PTO

III. Write short essays on ANY SIX of the following

(6x5=30)

1. Allelopathy.
2. Crop rotation
3. Organic recycling in cropping systems.
4. Integrated farming system.
5. Multiple cropping.
6. Rice based farming system.
7. LER
8. Precision farming

IV. Write essay on ANY ONE

(1x10=10)

1. Explain the homestead farming system practiced in Kerala.
2. Explain intercropping. What are the requirements for successful intercropping.