



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Tech. (Ag. Engg.) 2018 Admission**  
**I Semester Final Examination-January 2019**

Sacs.1105

**Principles of Agronomy (2+ 0)**

**Marks: 50**  
**Time: 2 hours**

**I Define the following**

**(10x1=10)**

- 1 Agronomy
- 2 PAR
- 3 Effective Rainfall
- 4 Organic Farming
- 5 Relay Cropping

**What is meant by**

- 6 Catch crop
- 7 C3 plants
- 8 Weed
- 9 Puddling
- 10 Precision farming

**II Write Short notes on ANY FIVE of the following**

**(5x2=10)**

- 1 Essential nutrients
- 2 Bio fertilizers
- 3 Integrated Nutrient Management
- 4 Scheduling of irrigation
- 5 Weed management
- 6 Crop Seasons
- 7 Green manuring

**III Answer ANY FIVE of the following**

**(5x4=20)**

- 1 Classify the crops based on economic importance
- 2 Influence of weather parameters on crop production
- 3 Tillage and its importance
- 4 Cropping systems
- 5 Critical stages of irrigation
- 6 Fertilizers
- 7 Mechanisation in paddy cultivation

**IV Answer ANY ONE of the following**

**(1x10=10)**

- 1 Methods of paddy cultivation.
- 2 Integrated farming system

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