

KERALA AGRICULTURAL UNIVERSITY

B.Tech (Agrl. Engg) 2015 Admission
Ist Semester Final Examination-January -2016

Cat. No: Agrl. 1101

Title: Agriculture for Engineers (2+1)

Marks: 50.00

Time: 2 hours

I Fill up the blanks

(10 x 1=10)

1. Farm yard manure is a _____ organic manure
2. 1 acre = _____ cents
3. Growing single crop year after year on the same land is known as _____
4. Chowghat Orange Dwarf (COD) is a variety of _____
5. _____ rocks are formed by solidification of molten mass of magma
6. The full form of ICAR is _____
7. The word 'agriculture' is derived from Latin words _____ and _____
8. Central leader and modified leader are _____
9. IRRI is situated at _____
10. _____ is used for reclaiming acid soils

II Write short notes on any FIVE questions

(5 x 2=10)

1. Soil forming rocks
2. Cultural methods of weed management
3. Biofertilisers
4. Classification of fruit crops based on climatic requirement
5. Precision farming
6. Components of sustainable agriculture
7. Basic gardening tools and their uses

III Write short essay on any FIVE questions

(5 x 4=20)

1. Define tillage. Briefly explain objectives and types of tillage
2. Importance of weather parameters on crop production
3. Pruning and training in fruit crops
4. Organic manures and their importance in soil health management
5. Agricultural classification of crops
6. Green house structures and designs
7. Give an account about different cropping systems

IV Write essay on any ONE

(1 x 10=10)

1. Explain different types of irrigation methods. Mention the advantages of micro irrigation over other methods
2. Explain different propagation methods followed in horticulture plants