

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. 2012 Admission

IV<sup>th</sup> Semester Final Examination- August-2014

Cat. No: Agro.2207

Title: Field Crops II (1+1)

Marks: 80

Time: 3 hours

**I. Answer the following**

10 x 1 = 10

1. Centre of origin of cowpea
2. Anti- nutritional factor in the oil of rapeseed and mustard
3. The world's first hybrid variety of cotton
4. Scientific name of kacholam
5. An artificial cane ripener
6. Location of IPR
7. Protein content of soybean
8. Seed rate for tobacco
9. Duration of blackgram
10. The acid present in freshly harvested sugarbeet tops

**III. Write short notes on any TEN**

10 x 3 = 30

1. Two distinct types of chickpea
2. Utilisation of sugarbeet
3. Varieties of sesamum
4. Growth phases of sugarcane
5. Processing of pigeon pea
6. Set line cultivation of groundnut
7. Seed setting in sunflower
8. Topping in tobacco
9. Establishment techniques in sesamum
10. Planting material and planting of betel vine
11. Cropping systems with cowpea
12. Uses of thippali.

**IV. Write short notes on any SIX**

(6 x 5=30)

1. Importance of pulses
2. Cultivated species of cotton and growth phases of cotton
3. Economic importance of rapeseed and mustard
4. Soil and climatic requirements of cowpea
5. Fibre extraction process in jute
6. Harvesting and curing of tobacco
7. Soyamilk production
8. Nutritional superiority of vegetable oils

**V. Write essay on any ONE**

1 x 10 = 10

1. Cultivation practices for groundnut
2. Cultivation practices for sugarcane