

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. 2013 Admission

IVth Semester Final Examination- July/August-2015

Cat. No: Agro.2207
Title: Field Crops II (1+1)

Marks: 50
Time: 2 hours

I State True or False

(10 x 1=10)

1. Cow pea is known as vegetable meat
2. Sunflower is photosensitive crop ✓
3. Niger is commonly grown as a border crop
4. Horse gram is considered as Poor man's crop ✓
5. Urea is the source of Nitrogen used in tobacco crop
6. Legumes are considered as restorative crops ✓
7. TMV -2 is a variety of safflower
8. Rape seed and Mustard are the major rabi oil seed crops of South India
9. Sugar beet is biennial crop and produces seed during second year ✓
10. Sugarcane is botanically classified as grass ✓

II Write short notes on any FIVE

(5 x 2=10)

1. Spreading and erect types of groundnut varieties ✓
2. Seed fiber and bast fiber
3. Topping and de-suckering in tobacco ✓
4. Yellow sarson and Brown sarson
5. Measures to improve seed setting in sunflower ✓
6. Harvesting and netting of Jute and Mesta
7. Nipping in castor and safflower

III Write short notes on any FIVE

(5 x 4=20)

1. Importance of pulses in India .Constraints in pulse production and strategies to boost yield
2. Importance of oil seeds in Indian economy and constraints in oilseed production ✓
3. Critical stages for irrigation and nutrient management for chilli and sunflower
4. Production technology for Sugar beet in Indian situations
5. Agronomic management practices for bunch type ground nut and safflower ✓
6. What are the agrotechniques followed for increasing the productivity of kacholam and vetiver
7. Write about harvesting and curing of different types of tobacco

IV Write essay on ANY ONE

(1 x 10=10)

1. Write the production technology followed in sugar cane for different maturity groups (12, 15 and 18 months crop) to get maximum production (Nursery techniques ,planting time, variety, seed rate and population, weed management ,irrigation management and approximate yield levels)
- ✓ 2. Write a production technology for Desi cotton ,Egyptian cotton and, Bt cotton .(planting time , variety, seed rate and population, weed management ,irrigation management and approximate yield levels)
