

KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Agriculture – 2007 Admission – IVth Semester
Final Examination - July/August 2009

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

Max. marks: 80
Time : 3 hours

I. State TRUE or FALSE

10x1=10.0

1. Chickpea is most commonly and widely cultivated pulse crop of India
2. The fruit of mustard is called capsule
3. Mustard requires cooler temperature for optimum growth and development
4. Varalaxmi is the world's first Inter specific hybrid cotton released by UAS (D)
5. Retting is a special operation in fibre crops
6. Application of muriate of potash enhances leaf quality in tobacco
7. Cereals are considered as poor man's meat
8. Sunflower is called as false saffron
9. Technology mission on oil seeds was established during the year 1995
10. White Jute is *C. capsularis*

II. Write short notes (any ten)

10x3=30.0

1. Nipping in chickpea
2. Adsali planting in sugarcane
3. Bast fibre crops
4. Cultivation of *Piper longum*
5. Hand pollination in sunflower
6. Significance of calcium and sulphur in groundnut
7. Ginning in cotton
8. Wrapping and propping in sugarcane
9. Bad boll opening
10. Virginea and Valencia type of groundnut
11. Monopodial and sympodial branches
12. Queen of oil seed crop

III. Answer the following (Any six)

6x5=30.0

1. Write about the trash management in sugarcane
2. Why pulse production is low in India? Justify
3. Write the inputs required to cultivate 1 ha of pigeon pea
4. Write the agronomic practices to improve pod to gynophore ratio in groundnut
5. Write the integrated nutrient management practices in cotton
6. Write the agronomic measures to reduce boll shedding and bad boll opening in cotton
7. Why sesamum is called queen of oil seed crop
8. Write the soil and climatic requirement, harvesting and processing in red gram

IV. Write essays on any one

10x1=10.0

1. Write the detail inputs required and cultivation practices for cowpea and cotton OR
2. Groundnut and lemon grass