



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc. (Hons.) Ag. 2017 admission**  
**IV Semester Final Examination-August-2019**

Agro.2205

**Crop Production Technology-II (Pulses, oilseeds, sugar and fibre crops) (1+1)**

**Marks: 50**

**Time: 2 hours**

**I**

**Fill in the blanks**

**(10x1=10)**

- 1 Technology mission on oilseeds was established in the year.....
- 2 One bale of cotton is equal to ..... kgs of lint.
- 3 Seed dormancy is absent in .....types of groundnut.
- 4 Among the pulse crops, easily digestible dal is.....
- 5 The state having highest sugarcane area in India is.....

**State True or False**

- 6 Chief constituent of papad is blackgram dal.
- 7 The strength of cotton fibre is tested with hand refractometer.
- 8 Per capita requirement of pulses according to ICMR is 250 g/day.
- 9 Annegiri is a variety of redgram.
- 10 Total solids in the sugarcane juice expressed in percentage is called brix reading.

**II**

**Write short notes on ANY FIVE of the following**

**(5x2=10)**

- 1 Propping in sugarcane.
- 2 Significance of gypsum application in groundnut.
- 3 Economic importance of chickpea.
- 4 Harvesting of sesame.
- 5 Quality parameters of Jute.
- 6 Harvesting and threshing in redgram.
- 7 Economic importance of sunflower.

**III**

**Answer ANY FIVE of the following**

**(5x4=20)**

- 1 Retting in Jute.
- 2 Ratoon management in sugarcane.
- 3 Factors affecting the quality in sugarcane.
- 4 Weed management in groundnut.
- 5 Quality parameters in cotton.
- 6 Extraction of acids in bengalgram.
- 7 Rice fallow pulse technology.

**IV**

**Write an essay on ANY ONE of the following**

**(1x10=10)**

- 1 Write in detail about the constraints in oilseed production and strategies to overcome and improving the productivity of oilseeds.
- 2 Discuss about the various planting materials and planting methods in sugarcane with neat diagrams wherever necessary.

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