



End Semester/Reappear (Semester III) Examination December 2022

Programme: B. Sc. (Hons.) Agriculture
Course: Crop Production Technology -1 (Kharif Crops)
Course Code: 13A.208
Enrollment No: _____

Full Marks: 50
Time: 2 Hrs.

Section I

- 1. Short Answer type questions. Answer any four. 4 x 5 = 20**
- a. Mention the importance of rice and discuss briefly the climatic requirement of rice crop.
 - b. List recommended varieties of mungbean and urdbean.
 - c. Compare *Corchorus capsularis* with *Corchorus olitorius*.
 - d. Evaluate the different types of anti-nutritional factors in sorghum.
 - e. Analyze the importance of forage crop cultivation.
 - f. Write down the harvesting procedure and yield of urdbean.

Section II

- Long answer type questions. Answer any two. 2 x 15 = 30**
2. a. Describe the importance of pulse crops. List names of any three Kharif pulses with their scientific names and families.
b. Why are pulse crops important in the human diet?
 3. a. Differentiate the package of practices of upland and lowland rice.
b. Classify maize types with their scientific names.
 4. a. Evaluate the different operations in Jute namely Retting, Stripping, and Grading.
b. Discuss in brief the importance of cotton and its scenario in the world and India.
 5. a. Explain the package of practices of Napier grass.
b. Briefly discuss fertilizer and water management practices in cluster beans.
