

End Semester/Reappear (Semester III) Examination December, 2024
Programme: B. Sc. (Hons.) Agriculture
Course: Crop Production Technology –I (Kharif crop)
Course Code: 13A.208
Enrolment no. _____
Full Marks: 50
Time: 2 Hrs.

Q.No.		CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			4 x 5 = 20
a	Explain briefly the fertilizer and irrigation management practices in pearl millet.	CO1	Understand	
	or			
b	Discuss briefly the importance of millet crop in food and nutritional security in India.	CO1	Remember	
	or			
	Discuss the importance of pulse in human diet. Explain the importance of water management in critical stage of growth in pulses.	CO2	Understand	
c	or			
	Compare between subspecies of black gram with its economic importance.	CO2	Understand	
	Prepare a chart of different cotton crop species with their scientific name and chromosome number.	CO3	Apply	
d	or			
	Evaluate the different operations in Jute namely Retting, Stripping, and Grading.	CO3	Understand	
	Discuss the importance of forage crops. Illustrate, how crop spacing is an important criteria in cultivation of crop.	CO4	Apply	
	or			
	Discuss fertilizer requirement of berseem and Lucerne crop. Illustrate how fertilizers are important for crop growth and development.	CO4	Apply	
Section II				
Long Answer type questions.				
2	Explain the package of practices of soyabean recommended for Jharkhand with its estimated yield.	CO3	Analyze	2 x 15 = 30
	or			
	Explain the recommended package of practices of cotton with its estimated yield.	CO3	Analyze	
	or			
	Explain the recommended package of practices of green gram for Jharkhand along with its estimated yield.	CO2	Analyze	
	or			
	Explain the package of practices of black gram recommended for Jharkhand with its estimated yield.	CO2	Analyze	

At the end of the course the students will be able to-

CO1 Know about the origin, geographical distribution, economic importance, soil and climatic requirements, varieties, cultural practices and yield of selected kharif cereals and millets.

CO2 Comprehend the origin, geographical distribution, economic importance, soil and climatic requirements, varieties, cultural practices and yield of selected kharif pulses.

CO3 Know about the origin, geographical distribution, economic importance, soil and climatic requirements, varieties, cultural practices and yield of selected kharif oil seeds

CO4 Know about the origin, geographical distribution, economic importance, soil and Climatic requirements, varieties, cultural practices and yield of selected kharif forages and fodders.