

End Semester/Reappear (Semester IV) Examination May 2025

Programme: B. Sc. (Hons.) Agriculture

Course: Crop Production Technology -II (Rabi crop)

Course Code: 13A.258

Enrolment no. _____

Full Marks: 50

Time: 2 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			
a	Tabulate the indigenous practices of disease and pest management in Wheat.	CO1	Understand	4 x 5 = 20
	or			
	Describe briefly climate, soil requirement and weed management in wheat.	CO1	Understand	
b	Discuss the importance of pulses in human diet. Explain the importance of water management in critical stage of growth in pulses.	CO2	Understand	
	or			
	Describe different species of sugarcane crop with its economic importance, weed and water management.	CO2	Remember	
c	State the economic importance of citronella. Discuss the intercultural practices done in Citronella.	CO3	Remember	
	or			
	Discuss the mint oil distillation procedure. Explain its economic importance.	CO3	Understand	
d	Discuss harvesting procedure in oat. Describe relationship between time of sowing and duration of varieties.	CO4	Understand	
	or			
	State the geographical distribution of oat crop. Discuss why is it necessary to dry grains before storing them?	CO4	Remember	
Section II				
Long Answer type questions.				
2	Classify wheat and mention the importance of each type. Evaluate why Kharif crops cannot be grown in Rabi season in open field condition?	CO1	Evaluate	2 x 15 = 30
	or			
	In Jharkhand, what indigenous knowledge systems are used to manage soil fertility in crop production? Justify how these practices differ from modern approaches?	CO1	Evaluate	
3	Recommend suitable package of practices (viz. origin, classification, soil, varieties, cropping system, land preparation, seed rate and spacing, manures and fertilizers, weed control, harvesting and yield) of lemon grass.	CO3	Evaluate	
	or			
	Recommend suitable package of practices (viz. origin, classification, soil, varieties, cropping system, land preparation, seed rate and spacing, manures and fertilizers, weed control, harvesting and yield) of mentha.	CO3	Evaluate	

Course Outcome:

At the end of the course the student will be able to:

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CO1: Analyse the package of practices of selected major Rabi cereals.

CO2: Analyse the package of practices of selected major Rabi pulses, oilseeds and sugar crops.

CO3: Analyse the package of practices of selected major Rabi medicinal & aromatic crops.

CO4: Analyse the package of practices of selected major Rabi forage crops.

