JHARKHAND Rai University
RANCHI

End Semester/Reappear (Semester IV) Examination May 2025

Programme:B. Sc. (Hons.) Agriculture

Course:Production Technology for Fruit and Plantation Crops **Full Marks: 50**

Course Code: 13A.262 **Time: 2 Hrs.**

Enrolment no. _____

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
	Section I			
1	**Short Answer type questions.**			**4 x 5 = 20**
a	Explain the role of plantation crops in India's economy.	CO1	Understand	
	or			
	Discuss briefly the scope of fruit production in India.	CO1	Understand	
b	Discuss briefly the common methods of banana propagation along with their advantages.	CO2	Understand	
	or			
	List advantages and disadvantages of Bower training system used in grape cultivation.	CO2	Remember	
c	Describe climate and soil requirement of jackfruit cultivation along with three varieties.	CO1	Understand	
	or			
	Explain the physiological disorder in strawberry. List three varieties of strawberry.	CO1	Remember	
d	Prepare a flowchart depicting the processing of cashewnut.	CO2	Apply	
	or			
	Discuss the by-products of cashew processing.	CO2	Understand	
	Section II			
Long Answer type questions.				**2 x 15 = 30**
2	Interpret the use of plant growth regulators to increase productivity in banana.	CO3	Understand	5
	Recommend any one training method used in grapes. Analyse the use of plant growth regulators in grapes cultivation.	CO3	Evaluate	10
	or			
	Explain flower regulation with the use of PGR in pineapples.	CO3	Understand	5
	Appraise training, pruning and other intercultural operations practiced in pomegranate cultivation.	CO3	Analyze	10
3	Explain the vegetative propagation of cashew.	CO4	Analyze	5
	Discuss briefly the constraints of high-density planting system.	CO4	Understand	10
	or			
	Describe the plucking and harvesting techniques for tea.	CO4	Understand	5
	Evaluate physiological disorders and their management of Arecanut.	CO4	Evaluate	10

Course Outcome:

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

CO1 Understand the basic concepts and aspects of production technology of selected tropical,sub- tropical, temperate fruits and plantations crops.

CO2 Comprehend the propagation techniques of selected fruits and plantation crops.

CO3 Explain plant bioregulators and their uses.

CO4 Know nursery and orchard layout and care and maintenance of important fruits and plantation crops.