

End Semester/Reappear (Semester VI) Examination May 2025

Programme: B. Sc. (Hons.) Agriculture
Course: Management of Beneficial Insects
Course Code: 13A.363
Enrolment no. _____

Full Marks: 50
Time: 2 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			
a	Briefly illustrate the importance of beneficial insects in daily life.	CO1	Apply	4 x 5 = 20
	or			
b	Compare pollinators and scavengers in terms of their beneficial role.	CO1	Understand	
	or			
	Explain Voltinism of silk worm with its types and example.	CO2	Understand	
c	Describe briefly the morphology and biology of mulberry silk worm.	CO2	Remember	
	or			
	Explain the life cycle and biology of lac insect.	CO2	Understand	
d	Describe the importance of lac cultivation mentioning the commercial purpose.	CO2	Understand	
	or			
	Describe few good qualities of predator for successful biological control.	CO3	Understand	
	or			
	Mention few orders of predator and parasitoid along with families and examples.	CO3	Remember	
Section II				
Long Answer type questions.				
2	Formulate a table by explaining the different pest and diseases found in silkworms and also discuss about the preventive measures to control the silkworm diseases.	CO2	Create	2 x 15 = 30
	or			
3	Create a table mentioning various silkworm rearing appliances and function of those appliances.	CO2	Create	
	or			
3	Classify the parasite based on nature of host, site of parasitism, stage of the host, duration of host and food habits.	CO3	Analyze	
	or			
	Differentiate among true parasite, parasitoid and predator with suitable examples.	CO3	Analyze	

Course Outcome:

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

CO1: Comprehend the importance of beneficial insects and their pest and diseases.

CO2: Understand management practices of apiculture, sericulture and lac cultivation.

CO3: Become familiar with parasitoids and predators used in biological control of pests.