

Roll No.:

SGT UNIVERSITY**END TERM THEORY EXAMINATION JULY - 2022**

Faculty/College of Study:	Agricultural Sciences	Year/Semester:	2 nd Semester
Program:	B.Sc. (Hons.) Agriculture	Duration:	03:00 Hrs.
Course/Subject:	Insect Ecology and Pest Management	Maximum Marks:	60
Course/Subject Code:	17010215 11010207	Batch:	2018 2019

Instructions: -

1. Write Your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided correct question paper. Complaint(s) in this regard, if any should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. All Questions are compulsory. Marks are indicated against each question.
4. Illustrate your answer with diagram wherever required.

SECTION-A**(Very Short Answer Type Questions)****Note: All Questions are compulsory: -****[12X1=12]**

S. No.	Question	Marks Allotted
1	Define Ecology?	1
2	Give the examples of abiotic component of ecology?	1
3	Write the optimal tem temperature for insects?	1
4	What happens to insects in high humidity?	1
5	Name the insect which comes in day time?	1
6	What is Insecticide?	1
7	Formulations are made up of?	1
8	Write universal Antidote?	1
9	Give one example of antifeedant?	1
10	When insecticide came into existence?	1
11	What is the capacity of knapsack sprayer?	1
12	Name one Insect hormone?	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8]

S. No.	Question	Marks Allotted
13	Write the component of Ecology?	2
14	Difference between biotic and abiotic components?	2
15	Difference between antifeedant and repellent?	2
16	What are the symptoms of insecticide poisoning?	2

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[4X4=16]

S. No.	Question	Marks Allotted
17	Write different insect association in brief with examples?	4
18	Write the classification of insecticide on the basis of mode of action with one example each?	4
19	Enlist the category of pests with examples?	4
20	Draw neat and well labelled diagram of knapsack sprayers?	4

SECTION-D
(Long Answer Type Questions)

Note: All Questions are compulsory: -

[4X6=24]

S. No.	Question	Marks Allotted
21	Write the mode of action of organo phosphate?	6
22	Write the recent method of pest controls?	6
23	Write the importance of chemical control its hazards and limitations?	6
24	Write concept, scope and limitation of IPM?	6