

Roll No.: .....

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

Faculty/College of Study:	Agricultural Sciences	Year/Semester:	2 <sup>nd</sup> Semester
Program:	M.Sc. Agriculture (Plant Pathology)	Duration:	02:00 Hrs.
Course/Subject:	Major Pests of Crops and their Management	Maximum Marks:	40
Course/Subject Code:	11060216	Batch:	2021

**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: -****[10X1=10]**

S. No.	Question	Marks Allotted
1	Insect belongs to the phylum?	1
2	Name any two non-insect pests of crops?	1
3	Define pest?	1
4	Name any two monophagus pests?	1
5	Name any two polyphagus pests?	1
6	Name any two quarantine pests?	1
7	Name insects in cotton bollworm complex?	1
8	How aluminium phosphide works?	1
9	Capacity of Knapsack sprayer is ..... (16 lit/ 50 lit).	1
10	Dusters are used for which types of insecticides?	1

**SECTION-B**  
**(Short Answer Type Questions)**

**Note: All Questions are compulsory: -**

**[3X2=6]**

S. No.	Question	Marks Allotted
11	Write two pests of okra and their nature of damage?	2
12	Write a short note about fruit sucking pests of citrus?	2
13	Write short note on Polyphagus pests with one example?	2

**SECTION-C**  
**(Descriptive Answer Type Questions)**

**Note: All Questions are compulsory: -**

**[3X4=12]**

S. No.	Question	Marks Allotted
14	Write the pests of any one fruit and explain their biology?	4
15	Write a short note on the management of rodents in storage?	4
16	Write note on Pumpkin beetle? Or Explain in brief about management of fruit flies?	4

**SECTION-D**  
**(Long Answer Type Questions)**

**Note: All Questions are compulsory: -**

**[2X6=12]**

<b>S. No.</b>	<b>Question</b>	<b>Marks Allotted</b>
17	Explain cotton bollworm complex and their management?	6
18	Write the Safe use of pesticide and spraying equipment's? Or Explain major four pest rice and their management?	6