

Roll No.:

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

Faculty/College of Study:	Agricultural Sciences	Year/Semester:	2 nd Semester
Program:	M.Sc. Agriculture (Plant Pathology)	Duration:	03:00 Hrs.
Course/Subject:	Principles of Integrated Pest Management	Maximum Marks:	40
Course/Subject Code:	11060218	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	Define IPM?	1
2	What is EIL?	1
3	At which stage one should start spraying the chemicals?	1
4	Explain GEP?	1
5	ETL is always lower than EIL. (True/False)	1
6	What is the different between pest survey and surveillance?	1
7	Define forecasting?	1
8	Full form of DPPQS and where it is situated?	1
9	Pest that causes less than 5% loss in yield is called as?	1
10	Write one example of mechanical control?	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[3X2=6]

S. No.	Question	Marks Allotted
11	Write the factors affecting surveys?	2
12	How drones can be useful in remote sensing?	2
13	What is the use of legislative tool in IPM?	2

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[3X4=12]

S. No.	Question	Marks Allotted
14	Explain in brief the PRA?	4
15	Support with you answer why the cost-benefit ratio and budgeting is important in IPM programme?	4
16	Explain the type of survey?	4

SECTION-D
(Long Answer Type Questions)

Note: All Questions are compulsory: -

[2X6=12]

S. No.	Question	Marks Allotted
17	Write the different categories of pest based on occurrence with examples? Or Write the different categories of pest based on ETL, EIL, and GEP with examples?	6
18	Develop an IPM model for Rice? Or Explain the tools of IPM with examples?	6