

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:	Fundamentals of Plant Pathology	Maximum Marks:	60
Course/Subject Code:	17010214 11010206	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	Bengal famine was caused by pathogen	1
2	Father of Indian Plant pathology	1
3	Bordeaux mixture was discovered by	1
4	Father of mycology	1
5	Indian phytopathology society was started by	1
6	Define Nematode	1
7	Define Virus	1
8	Father of plant virology	1
9	Define Fungi	1
10	First antibiotic penicillin was discovered by	1
11	Who discovered life cycle of stem rust of wheat in India	1
12	Define Bacteria	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8]

S. No.	Question	Marks Allotted
13	Epidemic and Sporadic diseases	2
14	Simple Interest disease and Compound interest diseases	2
15	Necrotrophic plant pathogen and Biotrophic plant pathogen	2
16	Disease and Disorders	2

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[4X4=16]

S. No.	Question	Marks Allotted
17	What do you understand by epidemic disease? Write four examples of epidemic with national and international importance with causal organism.	4
18	What do you understand by phytopathology? Write down about the objective and scope of phytopathology.	4
19	Explain general morphology of Nematode.	4
20	What do you understand by Pathogenesis? Explain with different steps included in pathogenesis.	4

SECTION-D
(Long Answer Type Questions)

Note: All Questions are compulsory: -

[4X6=24]

S. No.	Question	Marks Allotted
21	Define Bacteria? Write about general characters and basic methods of reproduction.	6
22	What do you understand by plant defense? Write down about the defense mechanism of plants?	6
23	Write down in detail about the classification of plant diseases on different basis?	6
24	What are different factors affecting plant diseases. Write in detail about different factors, their disease causation with examples?	6