GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Biological and Life sciences

Master of Science in Microbiology
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - P1PT201T - Advanced Virology

General Instructions
Answer to the specific question asked
Draw neat, labelled diagrams wherever necessary
Approved data hand books are allowed subject to verification by the Invigilator

1)	Explain the following: (i) Capsid (ii) Envelope	K2	(2)
2)	What is the importance of neuraminidase in viral entry?	K1	(3)
3)	Illustrate the role of sandwich ELISA for the detection of virus.	K2	(4)
4)	Extend the different control methods of transmission of plant virus.	K2	(6)
5)	Show the differences between DAC and DAS ELISA methods.	K3	(6)
6)	Identify the strategy by which virus transmitted through fungi.	K3	(9)
7)	Examine the agglutination serological assay to detect Ag or Ab in the sample.	K4	(8)
8)	Analyze the epidemiology and disease management of TMV.	K4	(12)
	OR		
	Analyze the multiplication process of plant viruses.	K4	(12)