School of Basic and Applied Sciences

Microbiology

ETE - Jun 2023

Time : 3 Hours **Marks : 50**

Sem II - MSMB5014 - Advanced Virology

Your answer should be specific to the question asked

Draw neat labeled diagrams wherever necessary

1.	Difference between DAC & DAS ELISA.	K2 CO2	(2)
2.	Choose the characteristic features of cyanophages.	K1 CO3	(2)
3.	Differentiate between enveloped and non enveloped virus with example.	K1 CO1	(2)
4.	Identify the different stages of bacteriophage reproduction in a host cell.	K2 CO4	(2)
5.	Examine the reverse transcriptase inhibitors in control of virus disease.	K2 CO5	(2)
6.	Compare the symmetry of the virus with suitable diagram.	K3 CO1	(5)
7.	Explain different Variants of corona virus.	K4 CO6	(6)
8.	Define the gradient centrifugation technique and chromatography technique for the separation and detection of virus.	K3 CO2	(5)
9.	Classify the bacteriophage according to different nucleic acid composition.	K4 CO4	(8)
10.	Explain the mechanism of different types of vaccine.	K4 CO5	(8)
11.	Choose the plant virus transmission through seeds.	K3 CO3	(8)