GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Biomedical Science

Master of Science in Medical Biotechnology
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - Q1PP201T - Genomics and Proteomics

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)	Identify the genome projects other than HGP	K2	(2)
2)	Define Lac operon.	K1	(3)
3)	Classify types of microarrays for transcriptomics.	K2	(4)
4)	Explain the features of YAC.	K2	(6)
5)	Interpret the significance of ct value in RT-PCR	K3	(6)
6)	Demonstrate the importance of multiple sequence alignment in genomics.	K3	(9)
7)	Compare Sanger sequencing and NGS.	K4	(8)
8)	Compare between FISH and RT-PCR.	K4	(12)
	OR		
	Organize the importances of the cycle threshold value (Ct).	K4	(12)