GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Biological and Life sciences

Bachelor of Science Honours in Microbiology
Mid Term Examination - Mar 2024

Duration : 90 Minutes
Max Marks : 50

Sem VI - P1UC603T - Nanobiotechnology

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 different types of nanomaterials.	K2	(2)
2)	Define green nanotechnology.	K1	(3)
3)	Difference between solvothermal and photochemical method of synthesis of nanomaterial	K2	(4)
4)	Summarise the key factors to consider when using microorganisms for nanomaterial synthesis	K2	(6)
5)	Interpret the properties of nanomaterials synthesized using different methods vary.	K3	(6)
6)	Show how does plants contribute to the synthesis of nanomaterials	K3	(9)
7)	Explain Ball Milling method of synthesis of nanomaterial.	K4	(8)
8)	Analyze How does the choice of microorganism influence the properties of the synthesized nanomaterials.	K4	(12)
	OR		
	Categorize key techniques used in biological synthesis of nanomaterials in detail.	K4	(12)