GALGOTIAS UNIVERSITY

ADMISSION NUMBER												

School of Biomedical Science

Master of Science in Clinical Nutrition and Dietetics
Mid Term Examination - May 2024

Duration : 90 Minutes
Max Marks : 50

Sem II - Q1PK201T - Nutritional Biochemistry

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 term glycogenolysis.	K2	(2)
2)	Define gluconeogenesis.	K1	(3)
3)	Explain the fates of glucose-6-phosphate.	K2	(4)
4)	Explain the symptoms of diabetes mellitus.	K2	(6)
5)	Illustrate the steps involved in Glycogenolysis.	K3	(6)
6)	Illustrate cori cycle.	K3	(9)
7)	Analyze the steps in synthesis of glycogen.	K4	(8)
8)	Examine Pentose phosphate pathway.	K4	(12)
	OR		
	Examine schematic representation of the metabolic fate of alpha amino acids.	K4	(12)