

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Biomedical Sciences Summer Term Examination – July - August 2024 [Programme: BSc Medical Biotechnology] [Semester: I] [Batch:]				
Course Title: Medical Biochemistry		Max Marks: 100		
Course Code: C2UH101B / Q1UF103B		Time: 3 Hrs.		
Instructions:	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
SECTION-A (15 Marks)		5 Marks each		
1.	Explain the properties of water due to polarity.	K2	CO1	5
2.	Construct and explain the simple lipid.	K2	CO3	5
3.	Outline the properties of monosaccharide.	K1	CO2	5
SECTION-B (40 Marks)		10 Marks each		
4.	Interpret glycolipid with example.	K2	CO3	10
5.	Mark the secondary structure of proteins.	K3	CO4	10
6.	Analyze the different types of helical structure of DNA.	K4	CO4	10
7.	Analyze the structure of Glucose, Fructose and Galactose.	K4	CO2	10
SECTION-C (45 Marks)		15 Marks each		
8.	Determine the type of reactions catalyzed by enzyme.	K4	CO4	15
9.	Determine all the amino acids with its structure and properties.	K5	CO4	15
10	Determine primary, secondary structure, tertiary and quaternary structure of protein.	K5	CO4	15