

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of Basic and Applied Sciences Backlog Examination, June 2023 [Programme: B.Sc. Biomedical Science] [Semester: II] [Batch:]				
Course Title: Medicinal Chemistry		Max Marks: 100		
Course Code: BSBM2007		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.	Write a short note on the following: a. Prodrugs b. ADMET	K1/K2	CO1	5
2.	What do you mean by allosteric inhibition? Explain it with example.	K1/K2	CO3	5
3.	Interpret the importance of clinical trials	K1/K2	CO4	5
SECTION-B (40 Marks)		10 Marks each		
4.	Compare and contrast different types of drugs based on legal classification.	K1/K2	CO4	10
5.	What are the various routes of drug administration.	K3/K4	CO5	10
6.	Illustrate the processes involved in drug designing.	K3/K4	CO2	10
7.	Describe in detail the types of protein structure. OR Throw light on COVID vaccines.	K3/K4	CO1	10
SECTION-C (45 Marks)		15 Marks each		
8.	Outline the factors that affect the rate of drug absorption.	K3/K4	CO2	15
9.	Define molecular docking with the help of one example.	K5/K6	CO3	15
10	Explain variation of responses among a population with the help of graph. OR Identify and explain any two drug databases briefly.	K5/K6	CO4	15