Name. _____	**Printed Pages:01**
Student Admn. No.: _____	

School of Medical and Allied Sciences
Back paper Examination – July - August 2024
[Programme: B.Pharm] [Semester: V] [Batch: All]

Course Title: Medicinal Chemistry-II	**Max Marks: 100**
Course Code: BPHT5001	**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 types of angina and its symptom's.	K2	CO1	5
2.	Outline the mechanism of action of Enalepril.	K2	CO2	5
3.	Explain the calcium channel blockers.	K2	CO2	5
SECTION-B (40 Marks)	**10 Marks each**			
4.	Explain the synthesis, MOA and uses of Furosemide.	K2	CO1	10
5.	Construct the mechanism action of sex hormones with suitable example like testosterone.	K3	CO2	10
6.	Analyze the mechanism of action of antimetabolites in cancer therapy.	K4	CO3	10
7.	Develop advancement in biomarker for cardiovascular diseases.	K3	CO6	10
SECTION-C (45 Marks)	**15 Marks each**			
8.	Analyze the role of Protons Pump Inhibitors and the synthesis of omeprazole	K4	CO3	15
9.	Choose the clasification of the steroids hormonas and their mechanism of action.	K5	CO4	15
10	Conclude the chemical synthesis of diltiazame and mode of action.	K5	CO5	15