

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
<b>School of Medical and Allied Sciences</b> <b>Back paper Examination – July - August 2024</b> <b>[Programme: B.Pharm] [Semester: V] [Batch: All]</b>				
Course Title: Medicinal Chemistry-II		Max Marks: 100		
Course Code: BPHT5001		Time: 3 Hrs.		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
<b>SECTION-A (15 Marks)</b>		<b>5 Marks each</b>		
<b>1.</b>	Explain the types of angina and its symptom's.	K2	CO1	5
<b>2.</b>	Outline the mechanism of action of Enalapril.	K2	CO2	5
<b>3.</b>	Explain the calcium channel blockers.	K2	CO2	5
<b>SECTION-B (40 Marks)</b>		<b>10 Marks each</b>		
<b>4.</b>	Explain the synthesis, MOA and uses of Furosemide.	K2	CO1	10
<b>5.</b>	Construct the mechanism action of sex hormones with suitable example like testosterone.	K3	CO2	10
<b>6.</b>	Analyze the mechanism of action of antimetabolites in cancer therapy.	K4	CO3	10
<b>7.</b>	Develop advancement in biomarker for cardiovascular diseases.	K3	CO6	10
<b>SECTION-C (45 Marks)</b>		<b>15 Marks each</b>		
<b>8.</b>	Analyze the role of Protons Pump Inhibitors and the synthesis of omeprazole	K4	CO3	15
<b>9.</b>	Choose the clasification of the steroids hormonas and their mechanism of action.	K5	CO4	15
<b>10</b>	Conclude the chemical synthesis of diltiazame and mode of action.	K5	CO5	15