

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
<b>School of Medical and Allied Sciences</b> <b>Summer Term Examination – July - August 2024</b> <b>[Programme: B. Pharm] [Semester: IV] [Batch: Summer 2023-24]</b>				
<b>Course Title: Pharmacology I</b> <b>Course Code: BP404T/ BPHT4004</b>		<b>Max Marks: 100</b> <b>Time: 3 Hrs.</b>		
<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 Pharmacokinetics and Pharmacodynamics.	2	1	5
<b>2.</b>	Explain adverse drug reactions (ADRs) and distinguish between types of ADRs.	2	1	5
<b>3.</b>	Explain the Autonomic Nervous System (ANS) and its role in the body.	2	2	5
<b>SECTION-B (40 Marks)</b>		<b>10 Marks each</b>		
<b>4.</b>	Organize an explanation on Sedatives, hypnotics drugs with their classifications.	2	1	10
<b>5.</b>	Explain a note on the route on administration with examples.	3	2	10
<b>6.</b>	Contrast an explanation on the mechanism of action of anticholinesterase drugs?	4	2	10
<b>7.</b>	Contrast an explanation on JAK-STAT binding receptor and receptors that regulate transcription	4	1	10
<b>SECTION-C (45 Marks)</b>		<b>15 Marks each</b>		
<b>8.</b>	Build a detail explanation on GABA and Glutamate.	3	2	15
<b>9.</b>	Estimate the classification of drugs used in Parkinsons disease based on their mechanisms of action and discuss complete pharmacology of any two drugs.	5	3	15
<b>10</b>	Estimate a detailed note on organization and functions of ANS.	6	3	15