

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of _____ Summer Term Examination – July - August 2024 [Programme: BPT] [Semester:) [Batch:]				
Course Title: PHARMACOLOGY		Max Marks: 100		
Course Code: BHPT3003		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.	Define pharmacokinetics.	1	1	5
2.	What is the process of drug distribution in the body.	1	2	5
3.	What are the adverse effects of drugs?	1	1	5
SECTION-B (40 Marks)		10 Marks each		
4.	Explain anti-cholinergic drugs and their primary effects.	2	2	10
5.	Discuss the adverse effects of antimicrobial drugs and how can antibiotics affect the normal flora of the body?	3	3	10
6.	Discuss the general considerations of the autonomic nervous system, including the sympathetic and parasympathetic systems, receptor subtypes, and the physiological effects of autonomic drugs.	3	4	10
7.	Compare and contrast the pharmacokinetic profiles, clinical efficacy, and adverse effects of different combinations of antihypertensive drugs.	3	5	10
SECTION-C (45 Marks)		15 Marks each		
8.	Explain the classification and mechanisms of adverse drug reactions, including dose-related and non-dose-related adverse effects, and discuss strategies for monitoring, managing, and preventing adverse reactions in clinical practice, considering patient safety and therapeutic efficacy.	4	4	15
9.	Discuss the adverse effects of endocrine drugs. How can insulin and oral antidiabetic drugs affect blood glucose levels?	5	5	15
10	Explain the comprehensive management of heart failure, including the pharmacological interventions using diuretics, vasodilators, ACE inhibitors and other relevant drugs, considering the treatment guidelines, and patient-specific factors.	5	6	15

Template 1