

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
School of _____ Summer Term Examination – July - August 2024 [Programme: BPT] [Semester: III] [Batch:]				
Course Title: PHARMACOLOGY		Max Marks: 100		
Course Code: BHPT3003/BPHY3003/L1UB303T		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 first pass metabolism.	1	1	5
2.	What factors can modify the response to a drug?	1	2	5
3.	What is the study of drugs and their interactions with the body called?	1	1	5
SECTION-B (40 Marks)		10 Marks each		
4.	Explain the classification of drugs based on their chemical structure.	2	2	10
5.	Discuss the importance of drug safety and monitoring along with the principles of rational drug use.	3	3	10
6.	Discuss the differences between barbiturates and benzodiazepines in terms of their mechanism of action, clinical uses and potential for dependence and abuse as sedative-hypnotic drugs.	3	4	10
7.	Compare and contrast the mechanisms of action, clinical efficacy, and adverse effect of different skeletal muscle relaxants in the treatment of spasticity.	3	5	10
SECTION-C (45 Marks)		15 Marks each		
8.	Explain the classification and mechanisms of drugs used in management of Peptic Ulcer Disease including the adverse effects of the drugs on the human body.	4	4	15
9.	Discuss the adverse effects of special concern in the elderly having dementia. Explain the usage of drugs in Parkinson's disease during rehabilitation?	5	5	15
10	Explain comprehensive management of inflammatory diseases, including pharmacological interventions using Non-narcotic Analgesics, NSAIDs, Glucocorticoids, considering the treatment guidelines, and patient-specific factors.	5	6	15