

Your Roll No.....

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School of Pharmaceutical Education and Research
M. Pharm. I Semester Examination (2023-24)

Subject: Advanced Pharmacology-I

Paper Code: MPL-102 T

Date: 11.03.2024

Maximum Marks: 75

Time: Three hours

(Write your Roll No. on the top immediately on receipt of this question paper)

Note: This paper has two Sections; A and B.

Attempt all the two sections.

Section A: Answer all the questions. **Section B:** Answer any 4 out of 6 questions

Abbreviations Used:

CO-Course Outcome, PO- Program Outcome, BTL- Bloom Taxonomy Level; BT level 1-Remember; BT level 2-Understand; BT level 3- Apply; BT level 4- Analyze; BT level 5- Evaluate; BT level 6- Create.

SECTION-A

Answer the following in brief (Attempt all questions)

5x3= 15 Marks

Q. No 1	Question	BTL	CO	PO
(a)	Mention the therapeutic uses of diuretics	1, 2, 3	1,2,3	1,2,3,8
(b)	Clinical uses of antihistaminics	1, 2, 3	1,2,3	1,2,3,8
(c)	Pharmaceutical factors affecting absorption of drugs	1, 2, 4	1,4,7	1,2,3,5,8
(d)	Role of levodopa and carbidopa in Parkinson's disease	1, 2, 3, 4	1,2,4	1,2,3,5,6,8
(e)	Describe therapeutic uses of parasympatholytics	1, 3	1,2,6	1,2,3,4,8

SECTION B

Long type Questions (Attempt any 4 out of 6)

4x15= 60 Marks

	Question	BTL	CO	PO
Q. No 2	Describe the pathophysiology of heart failure. Discuss the pharmacological intervention, mechanism of action and adverse effect of drugs used in heart failure	1, 2, 3, 4	1,2,3, 6,7	1,2,3,5, 8,9,11
Q. No 3	Define the term 'biotransformation' of drugs. Classify the Phase I and Phase II reactions with suitable examples of drugs. Write note on microsomal enzyme induction of drugs	1, 2, 3, 4, 6	1,2,4, 7	1,2,5,6, 8,9
Q. No 4	Discuss in detail, the opioid autacoids with reference to types, distribution, agonists and antagonists of their functions	1, 2, 3, 4	1,2,3, 4,5,7	1,2,3,4, 5,7,8,9, 11
Q. No 5	Describe the terms, hypertension and prehypertension. Discuss various therapeutics targets to treat hypertensive disorders	1, 2, 3, 4	1,2,6	3,8,9,1 1
Q. No 6	Briefly describe: Antiplatelet drugs and Fibrinolytic agents	1, 2, 3	1,2,4, 6	1,2,3,4, 5,8,9
Q. No 7	Short notes on G protein coupled receptors and Haematinics	1, 2, 3	1,2,4, 5	1,2,3,4, 5,8,9