

QP Code: 424006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations
March 2026
Pharmacology I
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Describe the pharmacological actions, therapeutic uses and adverse effects of Atropine
2. Define pharmacokinetics. Explain in detail about enzyme induction and enzyme inhibition.

Short Notes

(7x5=35)

3. Mechanism of Action, adverse effects and 2 drug interactions of Levodopa
4. Explain in detail about membrane transport.
5. Define and classify anti-psychotics.
6. Factors affecting drug absorption.
7. Classify local anaesthetics. Write their mechanism of action
8. Explain the different phases of clinical trials.
9. Define a) Drug addiction b) Drug abuse c) Drug tolerance d) Drug interaction

Answer Briefly

(10x2=20)

10. Differentiate between Agonists and Antagonists.
11. Tachyphylaxis.
12. Adverse drug reactions.
13. Classification of anti-anxiety agents.
14. Classify anti-epileptics.
15. Functions of ANS.
16. General anaesthetics.
17. Differentiate acute and chronic toxicity.
18. Opioid analgesics and antagonists.
19. Spare receptors.
