

**Second Year Pharm D Degree Supplementary Examinations
April 2025**

Pharmacology - I

Time: 3 Hours

Total Marks: 70

- *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 table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Classify anti-cholinergics with examples. Describe the pharmacological actions of atropine.
2. Define bioavailability. Explain the factors affecting bioavailability.
3. Describe the mechanism of action, adverse effects and uses of barbiturates.

Short notes

(8x5=40)

4. Explain the pharmacology of sulfonylureas.
5. Classify uterine stimulants with example. Write a note on oxytocin.
6. Classify drugs used in the treatment of Parkinsonism with examples.
7. Classify antihistamines with examples and mention their adverse effects.
8. Classify anti-anginal drugs. Write the mode of action of organic nitrates.
9. Cognition enhancers.
10. Classify neuromuscular blocking agents with examples and write their uses.
11. Drug tolerance and dependence.
