

QP Code: 424006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations November 2025
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. Discuss the various drug transport mechanism across the cell membrane with diagram.
2. Classify anti-epileptic drugs. Explain the mechanism, pharmacological actions, side effects and uses of phenytoin.

Short Notes

(7x5=35)

3. Brief about the drugs used for myasthenia gravis.
4. Classify adverse drug reactions with examples.
5. Various routes of drug excretion.
6. Define Chrono pharmacology and write its significance.
7. Describe the importance of various neuro transmitters involved in the CNS neurohumoral transmission.
8. Mechanism of action, uses and side effects of disulfiram.
9. Write about the symptoms and management of barbiturate poisoning.

Answer Briefly

(10x2=20)

10. Demerits of oral route of drug administration.
11. Define tachyphylaxis.
12. Symptoms of organophosphate poisoning.
13. Mechanism of action of lidocaine.
14. Importance of pharmacovigilance.
15. Examples of neuromuscular blockers.
16. Name any two drugs used for Alzheimer's disease.
17. Difference between local anaesthetics and general anaesthetics.
18. Define drug abuse and drug addiction.
19. Uses of diazepam.
