

QP Code: 424006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations
May 2024
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 Biotransformation of drugs in detail. Write a note on the transport of drugs across the cell membrane with examples.
2. Classify Parasympatholytics with examples. Describe the pharmacological actions, adverse effects and therapeutic uses of Atropine.

Short Notes

(7x5=35)

3. Describe G-protein coupled receptors with examples.
4. Phases of Clinical trials.
5. What is biological clock. Write the significance of Chronopharmacology.
6. Describe the treatment of Myasthenia gravis.
7. Write the mechanism of action and adverse effects of barbiturates.
8. Pre-anesthetic medication with examples.
9. Write the pharmacological actions and adverse effects of caffeine.

Answer Briefly

(10x2=20)

10. Define Agonist and Antagonist with examples.
11. List the routes of drug excretion.
12. Write examples of Ligand-gated Ion channel receptors along with locations.
13. Write about synergism with examples.
14. Classify Sedatives and Hypnotics with examples.
15. Write any four pharmacological actions of Ethyl alcohol.
16. Write any clinical symptoms of morphine poisoning.
17. List out the anti-epileptic drugs.
18. What are spare receptors.
19. Define acute and chronic toxicity.
