

QP Code: 424006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations February 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. Define opioids analgesic and classify it. Explain the pharmacological actions and adverse effects and therapeutic uses of morphine
2. List the various routes of drug administration. Write the advantages and disadvantages of intravenous route.

Short Notes

(7x5=35)

3. Pharmacological actions of ethyl alcohol. Add a note on disulfiram
4. Write a note of acute barbiturate poisoning and its treatment
5. Discuss stages of anesthesia. Brief on pre-anesthetic medication
6. Describe the mechanisms of anticonvulsant action
7. Explain the pharmacology of lithium carbonate
8. Detail the pharmacological actions of adrenaline
9. What do you mean by biotransformation. Classify biotransformation reactions

Answer Briefly

(10x2=20)

10. Define synergism and tachyphylaxis with examples
11. G-protein coupled receptors
12. Define acute and chronic toxicity
13. What is glaucoma. What are the different types of glaucoma
14. Effects of atropine on eye
15. Mention the uses of anticholinesterases
16. Name the adrenergic receptors
17. Adverse effects and uses of Olanzapine.
18. Uses of moclobemide.
19. Significance of biological clock
