

QP Code: 424006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations June 2022
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. Classify the drugs used in the treatment of Parkinson's disease. Discuss the pharmacology of levodopa.
2. Define acute and chronic toxicity and explain the general principles of treatment of poisoning.

Short Notes

(7x5=35)

3. List the different types of routes of administration and add a note on transdermal drug delivery system.
4. Mechanism of JAK- STAT receptor.
5. Clinical sign and management of organophosphorus poisoning.
6. Explain the pharmacological action and adverse effect of lignocaine.
7. Classify opioid analgesics and uses of morphine.
8. Clinical sign and management of barbiturate poisoning.
9. Explain the phases of general anesthetics.

Answer Briefly

(10x2=20)

10. Define tachyphylaxis and idiosyncrasy with examples.
11. List the various types of membrane transporter.
12. Secondary messengers.
13. Significance of biological clock.
14. Drugs used in the treatment of glaucoma.
15. Name any four drugs used as skeletal muscle relaxant.
16. Mechanism of action and adverse effect of disulfiram.
17. Pharmacological action of dopamine.
18. Define drug dependence and drug abuse.
19. Clinical symptoms of morphine poisoning.
