

QP Code: 424006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations
December 2021
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 antiepileptic drugs and explain the pharmacology of phenytoin.
2. Classify G-Protein coupled receptor and explain their mechanism of action.

Short Notes

(7x5=35)

3. Classify parasympatholytics and mention the adverse drug reactions.
4. Explain the reversible enzyme inhibition.
5. Discuss the signal transduction pathway in enzyme linked receptor.
6. Explain drug food interaction with any two examples.
7. Describe Dale's vasomotor reversal.
8. Mechanism of action of diazepam and its uses.
9. Explain the pharmacological action of chlorpromazine.

Answer Briefly

(10x2=20)

10. Outline the scope of pharmacology
11. Advantages and disadvantages of oral route of administration
12. Define pharmacovigilance and explain its role
13. Therapeutic index
14. Management of organophosphorus poisoning
15. Name any four drugs used in myasthenia gravis
16. Name any two pre anesthetic medication
17. Classify opioid receptors with agonist and antagonist
18. Classify the types of epilepsy
19. Adverse reaction of tricyclic antidepressant
