

2012 Scheme

QP CODE: 313006

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations September 2024

Pharmacology – I

Time: 3 Hours

Total Marks: 100

- *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 table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Define absorption. Discuss the various factors affecting drug absorption
2. Classify oral hypoglycaemic agents with examples. Write the mechanism, pharmacological actions, uses and side effects of metformin.
3. Discuss the general principle involved in the treatment of poisoning

Short notes

(14x5=70)

4. Barriers involved in drug distribution
5. Principle and applications of prodrug
6. Mechanism of action and uses of propylthiouracil
7. Classify anti-cholinergic drugs with examples
8. Explain the pharmacotherapy of heart failure
9. Pharmacological actions of serotonin
10. Types of cholinergic and adrenergic receptors and its location
11. Discuss about the plasma expanders
12. Brief about the vasodilators
13. Signs and treatment procedures for lead poisoning
14. Add a note on gene transcription regulating receptors
15. Drugs used for glaucoma
16. Describe about the chronic toxicity study in animals
17. Biosynthesis of prostaglandins
