

2010 Scheme

QP CODE: 303006

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations March 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. Classify routes of drug administration. Write the advantages and disadvantages of oral route
2. Describe the pharmacology of angiotensin converting enzyme inhibitors
3. Classify anti-asthmatic drugs. Add a note on omalizumab

Short notes

(14x5=70)

4. Define the terms a) affinity b) intrinsic activity c) synergism d) therapeutic index
5. Significance of biological clock
6. Types, mechanism and treatment of drug allergy
7. Classify antiarrhythmic drugs with examples
8. Note on selective 5HT_{1B/1D} agonist (Triptans)
9. Pharmacological actions and uses of Calcium channel blockers
10. Synthesis, storage and uses of thyroid hormone. Mention the uses of thyroid hormone
11. Gonadotropins and their uses
12. Gene transcription regulating receptors
13. Classify topical drugs for glaucoma. Add a note on prostaglandin analogues used in glaucoma
14. Pharmacological actions and uses of atropine
15. Effects and uses of β blockers
16. Actions and uses of estrogens
17. Classify Anti-diabetic drugs with examples
