

2012 Scheme

QP CODE: 313006

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. Describe the structure and mechanism of action of Ligand gated ion channel receptors
2. Discuss the mechanism of action, uses and adverse effects of Glucocorticoids
3. Classify the drugs used in Angina Pectoris. Write the management of Angina Pectoris

Short notes

(14x5=70)

4. Write the advantages and disadvantages of fixed dose combinations
5. Drug dependence
6. Drug therapy in paediatrics
7. Prostaglandins
8. Explain the mechanism of action of drugs used in Asthma
9. Explain the mechanism of transport of drugs across cell membrane
10. Contraception
11. Explain drugs that modify the renin-angiotensin system
12. Explain pharmacodynamic drug interaction
13. Banned drugs
14. Targeted drug delivery systems
15. Explain factors that modify the effect of drug
16. Define biotransformation. Explain synthetic or phase II reactions
17. Pharmacological actions of cardiac glycosides
