

2012 Scheme

QP CODE: 313006

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations December 2022

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 gene transcription regulating receptors
2. Discuss the pharmacology of acetylcholine
3. Explain various factors influencing drug bioavailability

Short notes

(14x5=70)

4. Chronic toxicity studies
5. Drug allergy mechanism and treatment
6. Drug therapy in elderly
7. Classify antihistamines. Mention their uses
8. Explain the mechanism of action of hypolipidemic drugs
9. Anabolic steroids
10. Oral hypoglycemic drugs
11. Beta adrenergic blockers
12. Explain drug interactions affecting absorption with suitable examples
13. Essential drugs
14. Newer drug delivery systems
15. Explain the pharmacology of adrenaline
16. Discuss the advantages and disadvantages of parenteral route of drug administration
17. Define the terms, antitussives, pharmacovigilance, bioequivalence, prodrugs, drug tolerance
