

2010 Scheme

QP CODE: 303006

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations August 2023

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 adverse drug reaction and classify them with example. Mention the mechanism of adverse drug reaction and drug allergy.
2. Classify anti-diabetic drugs. Explain the pharmacotherapy of type I and type II diabetic mellitus. Add a note on insulin.
3. Classify cholinergic drugs with example, explain the pharmacology, clinical uses and adverse effect of cholinergic drugs.

Short notes

(14x5=70)

4. Clinical significance of histamine blockers and 5 HT blockers.
5. Pharmacological action of cardio tonics.
6. Classify anti-adrenergic drugs.
7. Mechanisms of actions and therapeutic uses of amlodipine and losartan.
8. Drugs used to treat glaucoma.
9. Name the oestrogens and progesterone hormones and mention their therapeutic uses.
10. Discuss briefly about biological clock and mention their significance.
11. Discuss briefly about atropine and physostigmine.
12. Briefly describe toxicity studies in animals.
13. What are general principles of treatment of poisoning.
14. Therapeutic uses and adverse effects of gluco corticoids.
15. Explain the factors influencing drug bioavailability.
16. Different types of antagonism.
17. Pharmacology of muscarinic receptor antagonists.
