

2010 Scheme

QP CODE: 303006

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations June 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. Explain the different routes of drug administration. Mention their merits and demerits
2. Classify oral hypoglycemic with suitable examples. Explain the pharmacotherapy of diabetes mellitus
3. Classify antihypertensive drugs with suitable examples. Explain the mechanism of action of any two antihypertensive drugs.

Short notes

(14x5=70)

4. Explain volume of distribution and its significance
5. Explain arsenic poisoning and its management
6. Classify anti-hyperlipidemics with suitable examples
7. Describe the structure of ion channel receptors
8. Classify antithyroid drugs and explain the mechanism of action of propylthiouracil
9. List out the drugs under selective estrogen receptor modulators and mention their adverse effects & uses.
10. Write a note on plasma expanders
11. Explain excretion of drugs
12. Explain the mechanism of tyrosine kinase linked receptors
13. Comment on first pass metabolism and enterohepatic cycling of drugs
14. Distinguish between bioavailability and bioequivalence
15. Orphan drugs
16. Explain the therapeutic uses of serotonin antagonists with examples.
17. Explain the role of beta blockers in the treatment of various cardiovascular disorders
