

2010 Scheme

QP CODE: 303006

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. Explain the pharmacotherapy of congestive cardiac failure. Add a note on digitalis.
2. What is metabolism of drugs. Explain various phase I reactions with suitable examples.
3. Discuss the advantages and disadvantages of different routes of administration.

Short notes

(14x5=70)

4. Define tachyphylaxis with example. What is the reason for this phenomenon.
5. Clinical significance of histamine blockers and 5 HT blockers.
6. Explain the pharmacotherapy of bronchial asthma.
7. Explain the G protein coupled receptors.
8. Discuss briefly about propranolol and labetalol.
9. Briefly describe special toxicity studies in animals.
10. Explain the drugs used to treat myasthenia gravis.
11. Therapeutic uses and adverse effects of gluco corticoids.
12. Significance of protein binding.
13. Define poison. Explain the general management of poisoning.
14. What is prostaglandins. Name some prostaglandins with its specific therapeutic uses.
15. Classify drug interactions with examples.
16. Discuss various barriers of drug distribution.
17. Explain synergism and antagonism.
