

2010 Scheme

QP CODE: 303006 (Old Scheme)

Reg. No:

Third Year B.Pharm Degree Supplementary Examinations November 2019

Pharmacology – I

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essays

(3x10=30)

1. Explain the physicochemical factors affecting drug absorption and bioavailability.
2. Classify parasympathomimetics with suitable examples. Explain the pharmacology of acetylcholine.
3. Classify antianginal drugs with examples. Discuss the pharmacotherapy of Angina pectoris

Short notes

(14x5=70)

4. Write a note on plasma protein binding of drugs and its clinical importance
5. Explain mercury poisoning and its management
6. List the different preparations of insulin and write their salient features
7. Enumerate the advantages and disadvantages of 'Fixed drug dose combinations'
8. Explain the mechanism of action and adverse effects of statins
9. List the hormones secreted by anterior pituitary and write their functions
10. Write a note on mucolytics and anti-tussives
11. Explain the factors modifying drug action
12. Explain the mechanism of G protein coupled receptors
13. Comment on enzyme induction and enzyme inhibition
14. Explain the general principles of treatment of poisoning
15. Explain the mechanism of action and toxicity of Digitalis
16. List the marketed preparations of insulin and write their salient features
17. Explain the significance of Renin-Angiotensin-Aldosterone system in maintenance of cardiovascular function
