

Third Year B.Pharm Degree Supplementary Examinations – July 2016

PHARMACOLOGY – I

(2010 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. Classify cholinergic drugs. Explain the pharmacology uses, adverse effects of physostigmine
2. Discuss the pharmacology of heart failure
3. Define and classify biotransformation. Discuss the factors affecting biotransformation reactions.

Short notes

(14x5=70)

4. The pharmacological basis of concurrent administration of probenecid and penicillin
5. Newer drug delivery systems
6. Antifertility agents
7. Calcium channel blockers
8. Sumatriptan
9. Mechanism of action, uses and adverse effects of metformin
10. Procainamide
11. Define • affinity • efficacy • agonist • antagonist • partial agonist
12. Explain the principles of treatment of poisoning
13. Pharmacokinetic drug interactions
14. Explain the pharmacological actions and uses of benzhexol and flavoxate
15. Simvastatin
16. N-acetyl cysteine
17. Explain the pharmacology of misoprostol
