

**Third Year B.Pharm Degree Supplementary Examinations  
November 2018  
Pharmacology – I**

**(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Write equations wherever necessary.

**Essays**

**(3x10=30)**

1. Classify the drug interactions with suitable examples
2. Classify antihypertensive with examples. Explain the mechanism of action, adverse effects and uses of ACE inhibitors.
3. Discuss about pharmacotherapy of heart failure

**Short notes**

**(14x5=70)**

4. Chronopharmacology
5. Muscarinic receptors
6. Drugs used in glaucoma
7. Classification of antianginal drugs
8. The mechanism of action, adverse effects and uses of atropine
9. Statins
10. Excretion of drugs
11. Parenteral routes of administration
12. Drug dependence and tolerance
13. Bioavailability
14. Define the terms pharmacoepidemiology and pharmacovigilance.
15. Dose response curve
16. Antiestrogens
17. The preparations and clinical uses of prostaglandins

\*\*\*\*\*