

Class: B.Pharm Fifth Semester
Subject: Pharmacology-II
Paper Code: BP-503T

Time: 3 hour

Max.Marks: 75

SECTION-A (Short Answer)

Note: Answer any five questions. Each question carries seven marks. (5 X 7 = 35)

- Q.1. Describe the regulation of cardiac contractility by beta-adrenergic receptors?
- Q.2. Write the positive inotropic mechanism of digoxin?
- Q.3. Write the synthesis and release of leukotriene ?
- Q.4. Write the short note on warfarin?
- Q.5. Write the mechanism of action, and adverse effects of quinidine?
- Q.6. Describe the actions of PTH on bone, kidney and intestine?
- Q.7. Write the mechanism of action, and adverse effects of dipyridamole?
- Q.8. Write the short note on growth hormone?
- Q.9. Write the comparison of neurogenic and nephrogenic diabetes insipidus?
- Q.10. Write the short note on bioassay?

SECTION- B (Long Answer)

Note: Answer any four questions in detail. Each question carries ten marks. (4 X 10 = 40)

- Q.1. Classify the antidiuretics drugs and write the mechanism of action of piretanide?
- Q.2. Write the mechanism of action and adverse effect of simvastatin and saroglitazar?
- Q.3. Write pharmacology of the anti-hypertensive agents?
- Q.4. Write the classification of antihistaminic agents and write the mechanism of action of diphenhydramine ?
- Q.5. Discuss pharmacologic intervention of vasodilators ?
- Q.6. Describe the biosynthesis, function and pharmacologic inhibition of prostaglandins?
- Q.7. Write the physiologic and pharmacologic regulation of insulin homeostasis?
- Q.8. . Describe the biosynthesis, function and pharmacologic inhibition of thyroid hormones?