

**B.Pharm. Fourth Semester (C.B.S.) Examination**

**4.4 : PHARMACOLOGY—II**

**Paper—4**

Time : Three Hours]

[Full Marks : 80

**N.B.** :— (1) Question No. 1 is compulsory.

(2) Solve any **FOUR** questions from the remaining.

(3) Draw neat labelled diagram wherever necessary.

1. Solve any **FIVE** :

(a) Give mechanism of action of central sympatholytics.

(b) Justify verapamil or diltiazem is preferred in angina pectoris instead of nifedipine.

(c) Give adverse effects of statins.

(d) Explain triple response of Histamine.

(e) Explain use of ergotamine in migraine.

(f) Give mechanism of action of zafirlukast.

(g) Explain role of prostaglandin in gastric secretion. 20

2. Define and classify diuretics with example. Give mechanism of action of any three classes of diuretics. 15

3. Explain cardiac arrhythmia. Give mechanism of action of each class of antiarrhythmic drugs. 15

4. (a) Classify anticoagulants with examples. Give pharmacological details of warfarin. 10

(b) Write therapeutic uses of Fibrinolytic agents. 5

5. (a) Give role of Nitrates in angina pectoris. 7

(b) Write mechanism of action and therapeutic uses of Digitalis. 8

6. (a) What are haematinics ? Write pharmacological details of haematinics. 10

(b) Write a note on antiplatelet drugs. 5

7. (a) Write various types of 5-HT receptors. Explain uses of Cyproheptadine. 8

(b) Give pharmacological account of Salicylates. 7