

PHARMACOLOGY – II

PH. 6.9 THEORY

3 hours / week

UNIT -I

1. Pharmacology of drugs acting on Cardiovascular System:

- a) Digitalis and cardiac glycosides
- b) Antihypertensive drugs
- c) Antianginal and vasodilator drugs
- d) Antiarrhythmic drugs

UNIT -II

2. Drugs Acting on the Haemopoetic System:

- (a) Haematinics
- (b) Anticoagulants, Fibrinolytic and anti-platelet drugs
- (c) Vitamin K and haemostatic agents
- (d) Blood and Plasma volume expanders

3. Drugs acting on urinary system:

- (a) Diuretics,
- (b) Anti-diuretics

UNIT -III

4. Autacoids :

- (a) Histamine, 5-HT and their antagonists
- (b) Prostaglandins, thromboxanes and leukotrienes.
- (c) Pentagastrin, Cholecystokinin, Angiotensin, Bradykinin and substance P

5. Drugs Acting on the Respiratory System:

- (a) Anti-asthmatic drugs including bronchodilators
- (b) Anti-tussives and expectorants
- (c) Respiratory stimulants

UNIT -IV

6. Bioassay of Drugs and Biological Standardization. Official bio-assay procedures of drugs/hormones.