

PHARMACOLOGY - II

UNIT - I

- ① Explain Electrophysiology of Heart in detail (U)
- ② Define Congestive Heart Failure and drugs used in treatment of CHF. (U)
- ③ Classify Antihypertensive Drugs . Discuss Importance of RAAS system. (U)
- ④ Classify Antianginal Drugs .
- ⑤ Classify Antiarrhythmic Drugs . Give MOA of Quinidine .
- ⑥ Define Anti- Hyperlipidemic Agents .

UNIT - II

- ① Define Haematinics . Explain role of Iron & Vitamins in blood disorders. (U)
- ② Define process of Coagulation . Explain MOA & therapeutic uses of Heparin (U)
- ③ Define Anticoagulants . (U)
- ④ Define & Classify Diuretics . or (U)
Define Thiazide Diuretics or
Explain MOA of Acetazolamide , furosemide & Spironolactone .

UNIT - III

- ① Classify NSAIDs or ⑤
Classify Non-Selective Cox Inhibitors. Describe how they produce Analgesic- Antipyretic & Anti-inflammatory effect.
- ② Describe Anti Gout Drugs or
Write a note on Allopurinol as Anti-gout drug.
- ③ Define Anti-Rheumatic Drugs.
- ④ Write a short note on:
 - Prostaglandin.
 - Thromboxane
 - Angiotensin

UNIT - IV

- ① Define Diabetes Mellitus. Classify Antidiabetic Agents & pharmacology of Insulin. ⑤
- ② Explain MOA, pharmacological effect and uses of Thyroid Hormones & Classify Antithyroid Drugs.
- ③ Enlist various hormones secreted by Pituitary Gland. Explain MOA, therapeutic uses & adverse effect of Growth Hormone.

UNIT - V

① What are the principle & application of Bioassay. Write a note on bioassay of :

- Histamin
- Insulin
- Oxytocin

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② Write a short note on :

- Androgens and Anabolic Steroids.
- Oral Contraceptives
- Estrogen
- Drugs Acting On Uterus .

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