

[BPHARM 0522]

MAY 2022  
(SEPTEMBER 2021 EXAM SESSION)

Sub. Code: 2054

**B.PHARM. DEGREE EXAMINATION**  
**PCI Regulation 2017 – SEMESTER V**  
**PAPER III – PHARMACOLOGY – II**

*Q.P. Code: 562054*

**Time: Three hours**

**Maximum: 75 Marks**

**I. Elaborate on: Answer any TWO questions. (2 x 10 = 20)**

1. Define Anti-hyperlipidemics and classify them with examples. Explain in detail the mechanism of action, pharmacological action, side effects and uses of statins.
2. Classify oral contraceptives with examples. Write its pharmacological actions, MAO, adverse effects and therapeutic uses.
3. Define anticoagulants and its classification; explain in detail the mechanism of action, pharmacological action, side effects and uses of heparin.

**II. Write notes on: Answer any SEVEN questions. (7 x 5 = 35)**

1. Insulin preparations.
2. Anabolic steroids.
3. Drugs used in congestive heart failure.
4. Low Molecular Weight (LMWH) Heparin
5. Classify anti-histaminic agents.
6. Leukotrienes.
7. Classification of Antirheumatic drugs.
8. Write on the Parathormone.
9. Bioassay of histamine.

**III. Short answers on: Answer ALL questions. (10 x 2 = 20)**

1. Give two examples of phenylalanine analogues.
2. Clinical uses of pituitary hormone.
3. List out the adverse effects of glucocorticoids.
4. Mention two uses of isosorbide mononitrate.
5. Write the therapeutic uses of thyroid hormones synthesis inhibitors.
6. Name two beta blockers.
7. Give two examples of 5-HT antagonists.
8. Two therapeutic uses of digitalis.
9. Name two alpha glucosidase inhibitors drugs.
10. Therapeutic use of Alteplase.

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