

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[BPHARM 0122]

**JANUARY 2022
(MARCH 2021 EXAM SESSION)**

Sub. Code: 2054

B.PHARMACY DEGREE COURSE (SEMESTER EXAMINATIONS)

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 and classify antihistaminic drugs .Write the pharmacological actions, adverse effects and therapeutic uses of Chlorpheniramine maleate.
2. Classify anti- arrhythmic drugs. Elaborate the mechanism of action, pharmacology, adverse effects and therapeutic uses of Quinidine.
3. List out various oral anticoagulants. Write the pharmacological actions, adverse effects and therapeutic uses of Coumarin derivatives.

II. Write notes on: Answer any SEVEN questions.

(7 x 5 = 35)

1. Write a note on the Pharmacology and adverse effects of Atorvastatin.
2. Bio assay of Insulin.
3. Briefly explain the pharmacology of potassium sparing diuretics.
4. Give the difference between Heparin and Low molecular weight Heparin.
5. Give the mechanism of action, adverse effects and therapeutic uses of Nifedipine.
6. Write a brief notes on prolactin inhibitors.
7. Pharmacology of Calcitonin.
8. Pharmacology and adverse effects of Biguanides.
9. State various phases of cardiac potential.

III. Short answers on: Answer ALL questions.

(10 x 2 = 20)

1. Adverse effects of Aspirin.
2. Define anti-gout drugs. Give four examples.
3. Two adverse effects of clonidine.
4. Give four drugs used as anticoagulants.
5. What is Urolithiasis? Give four examples of drugs to treat it.
6. List out four prostoglandin antagonists.
7. State the adverse effects of Heparin.
8. Define cardiotonics. Give the therapeutic uses of it.
9. Uses of HMG Co-A reductase inhibitors.
10. Define vasodilators and give two examples.
