

[BPHARM 0122]

JANUARY 2022
(AUGUST 2021 EXAM SESSION)

Sub. Code: 4264

B.PHARMACY DEGREE COURSE (NON-SEMESTER EXAMINATIONS)
THIRD YEAR (Regulation 2009-2010)
PAPER IV – PHARMACOLOGY - I
Q.P. Code: 564264

Time: Three hours**Answer ALL questions****Maximum: 100 Marks****I. Elaborate on:****(2 x 20 = 40)**

1. Classify the drugs used in the treatment of Congestive Cardiac Failure. Explain the mechanism of action and pharmacological actions of Digoxin. Mention its adverse effects.
2. Classify the various routes of drug administration and explain in detail about the Parenteral route of administration. Write a note on new drug delivery system.

II. Write notes on:**(8 x 5 = 40)**

1. Explain drug transport across the cell membrane.
2. Mood stabilizers & its pharmacological action.
3. Give the Pharmacogenetics and Pharmacogenomics applications in therapy.
4. Explain the Factors affecting drug absorption.
5. What are Selective serotonin reuptake inhibitors? Give example. State its uses & adverse effect.
6. Write a note on loop Diuretic drugs.
7. Explain Cyclooxygenase-2 inhibitors.
8. Give the Symptoms and treatment of organophosphates poisoning.

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

1. Why Phenytoin should not be given to pregnant women?
2. Define Pharmacovigilance.
3. How to treat Acute Alcoholism?
4. Name the adrenergic receptor present in bronchial smooth muscle and what is the action of salbutamol on this receptor?
5. Name the direct Renin inhibitors.
6. What is Flumazenil?
7. Uses of α - blockers.
8. Side effects of Aspirin.
9. Types of Nicotinic receptors with an example of Agonist and Antagonist of each receptor
10. Therapeutic uses of Nitrates.
