

Final Year (New) Pharmacy
PHARMACOLOGY AND TOXICOLOGY
(203)

Time : Three Hours

Maximum Marks : 80

- Note :** i) Attempt total six questions. Question No.1 is compulsory.
From remaining questions attempt any five.
ii) Illustrate your answer with neat sketches wherever necessary.

1. Define the following terms with suitable examples of each (any five) 10
 - a) Teratogenicity
 - b) Carminatives
 - c) Parasympatholytics
 - d) Disinfectants
 - e) Autacoids
 - f) Immunosuppressants
- 2. Write a brief note on (any four) 14
 - a) Discuss various stages of Anaesthesia.
 - b) Describe the action of Glucocorticoids.
 - c) Write a brief note on Bronchial Asthma.
 - d) Discuss various factors affecting absorption of drug.
 - e) Write a note on Narcotic Analgesics.
3. Attempt any four of the following: 14
 - a) Discuss pharmacology of Lidocaine.
 - b) Write a note on Organophosphorus Poisoning.
 - c) Differentiate between Local Anaesthetics and General Anaesthetics.
 - d) Write a note on Parkinson disease, classify antiparkinson drug with examples.
 - e) Differentiate between Hypnotics and Sedative.

P.T.O.

4. a) Define pharmacodynamics, give various routes of drug administration along with advantages and disadvantages. 7

OR

Give pharmacology of Aspirin.

- b) Discuss pharmacology of β -Lactam antibiotics. 7

5. Write a brief note on (any four) 14

- a) Calcium channel blockers.
- b) Antiepileptic agents
- c) Antimalarial drugs
- d) Discuss pharmacological action of Adrenaline.
- e) Write short note on Laxatives

6. Classify the following with suitable examples. 14

- a) Antiulcer drugs
- b) Anticancer agents
- c) NSAID's (Nonsteroidal Anti Inflammatory Drugs)
- d) Antihypertensive agents

7. Give therapeutic uses, Dose and Adverse drug reaction of following drugs (any seven). 14

- a) Mebendazole
- b) Salbutamol
- c) Chloramphenicol
- d) Acyclovir
- e) Chloroquine
- f) Azithromycin
- g) Barbiturates
- h) Tetracyclines

