

PHARMACEUTICAL CHEMISTRY
1st Exam/Pharmacy/3012/Nov'24
(For 2021 Batch Onwards)

Duration: 3Hrs.

M.Marks:80

SECTION-A

Q1. Give answer in one line.

20x1=20

- a. Write the full form of NSAIDs.
- b. What is Atenolol used for?
- c. Name any two macrolide antibiotics.
- d. Define sympathomimetic agents.
- e. Name the category to which Amitryptiline belongs?
- f. What are Sedatives?
- g. Mention the uses of Potassium permanganate.
- h. Define Diuretics.
- i. What are Anticholinergics?
- j. Draw structure of furan.
- k. What is magaldrate used for?
- l. What do you understand by the term "Hypoglycemic agents"?
- m. Give uses of Amoxicillin.
- n. A brief note on the principle of Gravimetric analysis.
- o. Explain the term Achlorhydria.
- p. What is the role of silver nitrate as a topical agent?
- q. Write the names of any two antipsychotic drugs.
- r. Uses of Ibuprofen.
- s. Give the synonym of laughing gas?
- t. What is the use of Calcium carbonate?

SECTION-B

Q2. Attempt any ten questions.

10x3=30

- i. Write a note on Urinary Tract anti-infective agents.
- ii. Define anticonvulsant agents. Classify with examples.
- iii. What are General Anaesthetics, give example?
- iv. Name any three antitubercular agents.
- v. Briefly write about haematinics. Give examples as well.
- vi. What do you understand by Aprotic and Amphiprotic solvents?
- vii. Uses of Phenytoin, Metformin and Aspirin.
- viii. Give structure and uses of Propranolol.
- ix. Write a short note on cholinergic drugs.
- x. Classify antimalarial drugs with suitable examples.
- xi. Enlist the ideal properties of an antacid.

SECTION-C

Q3. Attempt any six questions.

6x5=30

- a. Define Anti-neoplastic agents, classify with suitable examples. Draw structure of any one antineoplastic drug.
- b. Enlist the Sources of impurities in pharmaceutical substances.
- c. Write a note on Limit test for chlorides.
- d. Explain Redox titrations.
- e. Discuss in detail about Dental products.
- f. Draw the chemical structure and give uses of Chloroquine phosphate and Diazepam.
- g. What are Anti-arrhythmic drugs? Discuss any one in detail.