

PHB Education
Sample Paper-1
Session: 2024-25
Course: D. Pharm Ist Year
Subject: Pharmaceutical Chemistry
Exam: 3rd Sessional Question Paper-1

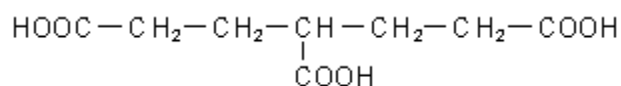
Attempt all the questions:

(Section: A)

Q. A Very Short Answer type:

[10]

1. Give the 2 preparation of Oxygen
2. Nomenclature of :



3. Give the chemical structure & IUPAC of toluene.
4. Give the chemical structure & IUPAC of Glibenclamide.
5. Give uses of Anti- arrhythmic Drugs
6. What are Anti - Hypertensive Drugs?
7. What are Haematinics?
8. What are Accuracy & Precision?
9. Give the chemical structure of Diazepam.
10. What are Antifungal agents?

(Section: B)

Q. B Short Answer Type Questions:(Attempt any five)

[5 × 3 = 15]

1. Define titration. Explain different types of titration with principle.
2. Write a note on preparation, properties and uses of nitrous Oxide.
3. Explain Antipsychotics drug along with classification and Example.
4. Write the MOA & uses of:
 - a) Thiopental sodium
 - c) Propranolol
 - b) Fluoxetine
 - d.) Neostigmine
5. Explain Anti anginal agents. Also elaborate isosorbide dinitrate.
6. Give a brief account of furosemide.

(Section: C)

Q. C Long Answer Type Questions: (Attempt any three)

[5 × 3 = 15]

1. a) Write a note on Antacid with its properties.
b) write a note on Anticaries agent and desensitising agents.
2. Write the classification of:
 - a) Diuretics
 - b) NSAIDs
 - c) Anti-viral agents
 - d) Anti Neoplastic agents
3. Write the chemical structure of:
 - a) Aspirin
 - b) Ketoconazole
 - c) Amoxicillin
 - d) Fluorouracil
4. Explain Anti- Tubercular agents & also explain PAS.

PHB Education
Sample Paper-2
Session: 2024-25
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Exam: 3rd Sessional Question Paper-2

Attempt all the questions:

(Section: A)

Q. A Multiple-Choice Questions:

[5]

1) Etoricoxib is a

- | | |
|-------------------|------------------|
| a) Antipsychotics | b) Analgesics |
| c) Antacids | d) Burn medicine |

2) Which of the following is Diuretics drug?

- | | |
|-------------------|--------------------------|
| a) Methotrexate | b) Chloroquine phosphate |
| c) Spironolactone | d) Epinephrine |

3) Phenobarbital is a derivative of

- | | |
|-----------------|-----------------|
| a) Alkaloids | b) Sulpha drugs |
| c) Barbiturates | d) Nitrobenzene |

4) Which of the following is Anti-viral drug?

- | | |
|-----------------|----------------|
| a) Methotrexate | b) Acyclovir |
| c) Atenolol | d) Epinephrine |

5) Ecosporin is the brand name of which of the following?

- | | |
|---------------|----------------|
| a) Aspirin | b) Fluconazole |
| c) Ethambutol | d) Paracetamol |

Q. B Fill in the blanks:

[5]

1. Nitrous oxide is also known asgas.
2. Isoniazid is the drug of choice for the treatment of
3. TusQ-DX liquid is used in the treatment
4. Volini gel composition is
5. Salbutamol is a

(Section: B)

Q. C Short Answer Type Questions: (Attempt any five)

[5 × 3 = 15]

1. Write a short note about Volumetric analysis.
2. Write a note on NSAIDs.
3. Discuss in short note on Antimalarials drugs with suitable drugs.
4. Define Diuretics. Write classification and explain any one drug with chemical structure.
5. Write a note on narcotic antagonists.
6. Discuss in short about Anti-neoplastics agents with examples.

(Section: C)

Q. D Long Answer Type Questions: (Attempt any three)

[5 × 3 = 15]

1. What are antiviral drugs? Discuss about the classification and MOA of antiviral drugs.
2. Describe the principle and chemical reactions involved in the limit test for Chloride.
3. Define any two of the following:
 - a. Medicinal gases
 - b. Antacids
 - c. Gastro-intestinal agents
 - d. Injectable anaesthetics
4. Write the chemical structure of any five of the following:
 - a. Aspirin
 - b. Chlorpromazine
 - c. Ketamine hydrochloride
 - d. Phenytoin Sodium
 - e. PAS