

**PHB Education Sample Paper - 2**

**D. Pharm Ist Year**

**SECOND SESSIONAL EXAMINATION 2024-25**

**(PHARMACEUTICAL CHEMISTRY)**

**Time: 02Hrs**

**Maximum Marks: 40**

**Instructions:**

1. Write the Roll no. on your question paper.
2. Candidate should ensure that the question paper supplied to them is complete in all respects. Complain in this regard, if any, should be made to the invigilator on the duty in the exam centre within 15 minutes of Commencement of the exam. No complaint shall be entertained thereafter.

Attempt all the questions:

**(Section: A)**

**Answer in very short:**

**[1x10=10]**

1. What are Analgesic Drugs?
2. What are Anaesthetics?
3. What are sedatives and Hypnotics?
4. What are anti convulsants drugs?
5. What are Diuretics?
6. Give two uses of NSAIDS.
7. Pioglitazone is a ..... agents.
8. Nifedipine is a drug which comes under the classification of ..... anti – Hypertensive agents.
9. What is SBP and DBP?
10. .... is the drugs which are used is treat Psychosis.

**(Section: B)**

**Attempt any 5 questions:**

**[5x3=15]**

1. What is NSAIDs. Explain the Paracetamol.
2. Elaborate Insulin and its Preparation.
3. Write the note on:  
(a) Benzthiazide (b) Xipamide
4. Explain Isosorbide Dinitrate.
5. Explain with the classification of:  
(a) Anti – Convulsants (b) Anti - depressants
6. Write the mode of action of:  
(a) Ketamine Hydrochloride. (b) Alprazolam

**(Section: C)**

**Attempt all questions.**

**[5x3=15]**

1. Give the chemical structure, storage, stability and Brand name of frusemide.

2. Give the chemical structure of:

(a) Metformin

(b) Aspirin

(c) Propranolol

(d) Phenytoin

(e) thiopental sodium

3. Give the classification of Sedative and Hypnotics & also explain Phenobarbital.