

**PHB Sample Paper - 1**

**D. Pharm IInd Year, THIRD SESSIONAL EXAMINATION, 2023 - 24**  
(PHARMACOLOGY)

Time: 02 Hrs

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. Complaints in this regards, if any, should be made to the invigilatory staff on the duty in the exam centre within 15 minutes of Commencement of the exam. No complaint shall be entertained thereafter.

**(Section: A)****Q. A Multiple-Choice Questions:****(5)****1. Muscarine is a .....**

- |              |             |
|--------------|-------------|
| a) Resin     | b) Alkaloid |
| c) Glycoside | d) Tannin   |

**2. Which is /are the Surface anaesthetic:**

- |               |                     |
|---------------|---------------------|
| a) Cocaine    | b) Lidocaine        |
| c) Benzocaine | d) All of the above |

**3. Haloperidol is a derivative of .....**

- |                  |                      |
|------------------|----------------------|
| a) Phenothiazine | b) Primidine         |
| c) Butyrophenone | d) None of the above |

**4. Pupil dilation is:**

- |             |              |
|-------------|--------------|
| a) Mitosis  | b) Mydriasis |
| c) Glaucoma | d) Cataract  |

**5. Which is the cognitive enhancer medication?**

- |                        |                        |
|------------------------|------------------------|
| a) Antipsychotic drugs | b) Anti migraine drugs |
| c) Anti angina drugs   | d) Nootropic drugs     |

**Q. B Fill in the blank questions:****(5)**

6. Atenolol is a .....receptor antagonist.
7. Baclofen is a .....
8. First pass metabolism is a .....
9. Miotics are .....
10. Amikacin drug is .....

**(Section: B)**

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

**(5 × 3 = 15)**

1. Define pharmacology. Explain the objective and scope of pharmacology.
2. Write a short note on therapeutic index.
3. Classify the following drugs: (any two)
  - a) Nootropic agents
  - b) Sulfa drugs
4. Opioid analgesics
5. Define Antipsychotics drugs. Give the MOA of Imipramine.
6. Define haematinics. Give the MOA of warfarin.
7. Give the physiological role of prostaglandin.

**(Section: C)**

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

**(5 × 3 = 15)**

1. Enlist the various routes of drug administration with its advantages and disadvantages.
2. Define and classify the Antihypertensive drugs. Give the mechanism of action of Amlodipine.
3. Define and classify the anti-tubercular drug. Give the mechanism of action of Streptomycin with its adverse effects and contraindications.
4. Define Anti-fungal drugs. Classify Anti-fungal drug. Write the MOA of Fluconazole drug.