

**PHB Sample Paper**

Session: 2022 – 23

Course: D. Pharm II<sup>nd</sup> Year

Subject: PHARMACOLOGY

Exam: Ist Sessional Question Paper- 1

**Attempt all the questions:****(Section: A)****(MCQ) Multiple Choice questions:****[5]****1. Injectable anaesthetic is:**

- |                |                     |
|----------------|---------------------|
| a. Prilocaine  | b. Lidocaine        |
| c. Bupivacaine | d. All of the above |

**2. Which tissue has the greatest capacity to bio-transform drugs?**

- |           |            |
|-----------|------------|
| a. Liver  | b. Lungs   |
| c. Kidney | d. Stomach |

**3. Treatment of myasthenia gravis usually started with:**

- |                |               |
|----------------|---------------|
| a. Neostigmine | b. Edroponium |
| c. Donepezil   | d. Tacrine    |

**4. Which one of the following acts as a Mydriatic?**

- |                 |                  |
|-----------------|------------------|
| a. Atropine     | b. Pilocarpine   |
| c. Methacholine | d. Physostigmine |

**5. Eye pressure is measured with the help of:**

- |              |                    |
|--------------|--------------------|
| a. Tonometer | b. Sphynomanometer |
| c. Periscope | d. CT Scan         |

**Fill in the blanks:****[5]**

1. Acetyl choline is biosynthesized from\_\_\_\_\_
2. What are the principle clinical forms of glaucoma? \_\_\_\_\_
3. Anticholinergics block the action of \_\_\_\_\_neurotransmitter.
4. The study of poisons, their action, detection, prevention & treatment of poisoning is known as \_\_\_\_\_
5. Insulin is administered through \_\_\_\_\_route.

**(Section: B)**

**Short questions (Attempt any five)**

**[5x3=15]**

1. Classify the route of drug administration with examples.
2. Define the following terms:
  - a. Absorption
  - b. Distribution
  - c. Metabolism
  - d. Excretion
3. Give the details of type of injections.
4. Write a brief note on different sources of drugs.
5. Write a short note on therapeutic index.
6. What are Miotics & Mydriatics?

**(Section: C)**

**Long questions (Attempt any three)**

**[3x5=15]**

1. Classify anticholinergic drugs and describe the pharmacology of Atropine.
2. Describe Pilocarpine. Explain open angle and angle closure of Glaucoma.
3. Give the detail of the followings with example:
  - a. Bronchodilator
  - b. Nasal decongestant
  - c. Vasoconstrictor
4. What is local anaesthetic? Write the classification with example and give a note on lidocaine mechanism of action.