

**PHB Sample Paper - 2**

D. Pharm IInd Year, THIRD SESSIONAL EXAMINATION, 2022 - 23  
(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. Hypnotics are the drugs which.....**

- |                    |                       |
|--------------------|-----------------------|
| a) Induce sleep    | b) reduce muscle tone |
| c) relieve anxiety | d) all of the above   |

**2. When a drug is administered into the spinal cavity, this route is known as**

- |                  |                    |
|------------------|--------------------|
| a) Intrathecal   | b) Intraperitoneal |
| c) Intra osseous | d) Intra cardiac   |

**3. Substance used to counteract the effect of poison are.....**

- |                      |                |
|----------------------|----------------|
| a) Antidote          | b) Antitussive |
| c) Anti-inflammatory | d) Analgesics  |

**4. Which vitamin is also known as anti-sterility vitamin?**

- |              |              |
|--------------|--------------|
| a) Vitamin A | b) Vitamin B |
| c) Vitamin E | d) Vitamin D |

**5. Drugs are excreted from the body through.....**

- |                                |                     |
|--------------------------------|---------------------|
| a) Kidney                      | b) Liver            |
| c) Breast milk, saliva & sweat | d) All of the above |

**Q. B Fill in the blank questions:****(5)****6. Father of pharmacology.....****7. When a drug is introduced into the bone marrow, this route is called.....****8. Cardiotonic drugs are used for .....****9. Miotics are a .....****10. Therapeutic index is .....**

**(Section: B)**

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

**(5 × 3 = 15)**

1. Give the general mechanism of the drug action.
2. Write a short note on biologicals.
3. Classify the following drugs: (any two)
  - a) Antifungal drugs
  - b) Anti-viral
  - c) Anticholinergic drugs
4. Define Antithyroid drug. Give the MOA of Antithyroid drug.
5. Define Haematinics. Give the MOA of warfarin.
6. Give the physiological role of prostaglandin/5-HT.

**(Section: C)**

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

**(5 × 3 = 15)**

1. Define absorption. What are the factors which affect the rate of absorption?
2. Define and classify the antiemetics. Give the mechanism of action of omeprazole with its adverse effects.
3. Define and classify the anti-neoplastic drug. Give the mechanism of action of vinca alkaloids.
4. Define depression. Classify antidepressant drugs. Write the MOA of antidepressant drug.