

## PHB Education Sample Paper -2

D. Pharm Ist Year

### SECOND SESSIONAL EXAMINATION 2024-25 (HUMAN ANATOMY & PHYSIOLOGY)

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)**

**Multiple Choice Questions:**

**[5]**

Q.1. Which blood cells secrete antibody?

- |                 |                 |
|-----------------|-----------------|
| (a) Eosinophils | (b) Monocytes   |
| (c) Lymphocytes | (d) Neutrophils |

Q.2. Inflammation of the lymphatic vessels.

- |                   |                 |
|-------------------|-----------------|
| (a) Lymphadenitis | (b) leukemia    |
| (c) Lymphangitis  | (d) Tonsillitis |

Q.3. Which of the following wave of ECG represents repolarisation?

- |             |                 |
|-------------|-----------------|
| (a) P wave  | (b) QRS complex |
| (c) RS wave | (d) T wave      |

Q.4. Adam's Apple corresponds to.....

- |                |              |
|----------------|--------------|
| (a) Epiglottis | (b) Larynx   |
| (c) Trachea    | (d) Thyroid. |

Q.5 Ph of saliva is .....

- |         |         |
|---------|---------|
| (a) 6   | (b) 6:8 |
| (c) 7.5 | (d) 9.6 |

**Very Short answer type Questions:**

**5**

Q.1. Name the largest part of alimentary canal?

Q.2. What does T wave represents in an ECG?

Q.3. Enlist the function of spleen.

Q.4. What prevents the clotting of blood inside blood vessels?

Q.5. What are antibodies?

**(Section: B)**

**Short Answer types Question (Attempt any 5):**

**[5x3=15]**

- Q.1 Give the composition of blood & explain how blood clot is formed.
- Q.2. Define lymph and enlist the function of lymph.
- Q.3. What is the difference between Artery & vein?
- Q.4. Explain the mechanism of breathing.
- Q.5. Explain the process of food absorption.
- Q.6. Explain Rh group.

**(Section: C)**

**Long Answer type Question (Attempt any 3):**

**[3x5=15]**

- 1. Define digestion. Name the parts of digestive system and give their function along with suitable diagram.
- 2. Draw a labelled diagram of respiratory system. Discuss the chemical factor controlling respiration.
- 3. Define blood pressure. Give its normal range and method of recording it.
- 4. Write short note on composition of blood, blood group and coagulation of blood.