

PHB Education Sample Paper -1

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 of the following globulins are immunoglobulins?

- | | |
|-----------|----------|
| (a) Alpha | (b) Beta |
| (c) Gamma | (d) None |

Q.2. Type A blood group consists of antibodies for:

- | | |
|---------------|-----------------------|
| (a) Protein A | (b) Protein B |
| (c) Both | (d) None of the above |

Q.3 T-lymphocytes and B-Lymphocytes are the major cells of:

- | | |
|----------------|-----------------------|
| (a) Thymus | (b) Adrenal gland |
| (c) Lymph node | (d) Lymphatic vessels |

Q.4 The innermost Layer of heart wall is called:

- | | |
|------------------|----------------|
| (a) Endo cardium | (b) Myocardium |
| (c) Epicardium | (d) None |

Q.5 lungs have large number of narrow tube called

- | | |
|-------------|-----------------|
| (a) Alveoli | (b) Bronchioles |
| (c) Bronchi | (d) Trachea |

Very Short answer type question:

[5]

Q.1. Name the different organs of respiratory system.

Q.2. Give the classification of small intestine.

Q.3. Where is Sinoatrial node situated?

Q.4. The study of blood is known as

Q.5. Write down the function of RBCs.

(Section: B)

Short answer type question (Attempt any five):

[5x3=15]

Q.1 Write the detailed note on platelet and also mention various function of blood.

Q.2 Explain lymph vessels.

Q.3 Draw the diagram of heart. Explain cardiac cycle.

Q.4 Explain the physiology of respiration with suitable diagram.

Q.5 Explain the mechanism of breathing.

Q.6 Explain the human digestive system with help of diagram.

(Section: C)

Long answer type question (Attempt any three):

[3x5=15]

Q.1 Give the illustrative note on physiology of digestion and absorption of nutrients.

Q.2 Describe the Structure of lungs and explain each of its part with the help of a well-Labelled diagram.

Q.3 Explain of conduction system of heart.

Q.4 Write short note on composition of blood, blood group and coagulation of blood.