

PHB Sample Paper-1

Session: 2023–24

Course: D. Pharm 1st Year

Subject: Human Anatomy and Physiology

Exam: 1st Sessional Question Paper-1

Attempt all the questions:

(Section: A)

Multiple Choice Questions:

[5]

1. Which end of the head lies in the uppermost position?

- | | |
|-----------------|------------------|
| a. Inferior end | b. Posterior end |
| c. Dorsal end | d. Superior end |

2. Which of the following is known as the control centre of cell?

- | | |
|-------------|-----------------|
| a. Ribosome | b. Mitochondria |
| c. Nucleus | d. Microsome |

3. The nerve is surrounded by very dense connective sheath known as.....

- | | |
|---------------|----------------|
| a. Epineurium | b. Neuron |
| c. Neuroglia | d. Perineurium |

4. Most hematopoietic tissue is found in.....tissue?

- | | |
|-----------|---------------|
| a. Bone | b. Blood |
| c. Muscle | d. Epithelial |

5. Synovial joints are called as.....

- | | |
|------------------------|------------------|
| a. Diarthrodial joints | b. Fibrous joint |
| c. Cartilaginous joint | d. Socket joint |

Fill in the blanks:

[5]

1. The anatomical study that involves the study of body system is called

2. Cells contain two distinct forms of ER, which differ in.....

3. Besides the brain, the skull also protects.....

4. The life span of thrombocytes is.....

5. The study of tissue is known as.....

(Section: B)**Short questions (Attempt any five)****[5x3=15]**

1. What are the compositions of blood?
2. Write a note on rheumatoid arthritis.
3. Give a note on epithelial tissue.
4. Describe the mechanism of blood coagulation.
5. What are joints? Give the classification of joints.
6. Define autocrine and endocrine signaling.

(Section: C)**Long questions (Attempt any three)****[3x5=15]**

1. Write a detailed note on platelet and also mention various function of blood.
2. Illustrate in brief note on axial skeleton.
3. What are tissues? Classify them and give detail note on connective tissue.
4. Write a note on chemical structure of plasma membrane with its nature and function.

PHB Sample Paper - 2

Session: 2023–24

Course: D. Pharm Ist Year

Subject: Human Anatomy and Physiology

Exam: 1stSessional Question Paper-2

Attempt all the questions:

(Section: A)

Multiple Choice Questions:

[5]

1. Thoracic cavity is also called as.....

- | | |
|---------------------|------------------|
| a. Abdominal cavity | b. Spinal cavity |
| c. Pelvic cavity | d. Chest cavity |

2. Lysosome was discovered by

- | | |
|----------------------|------------------------|
| a. Christian de Duve | b. Danielli and Davson |
| c. Robert Hook | d. S. J. Singer |

3. Group of cells which is similar in structure and function are structured into.....

- | | |
|-----------------|------------|
| a. Organ system | b. Muscles |
| c. Bone | d. Tissue |

4. Which of the following is the longest bone of forelimb?

- | | |
|-------------|------------|
| a. Arm bone | b. Ulna |
| c. Radius | d. Carpals |

5. Vitamin essential for blood clotting is.....

- | | |
|-----------|-----------|
| a. Vit. K | b. Vit. A |
| c. Vit. B | d. Vit. C |

Fill in the blanks:

[5]

6. Monocytes are also known as

7. The diameter of mitochondria is

8. Tissue that provides movement of body is known as.....

9. Type A blood group consist of antibodies for.....

10. The shape of sternum is

(Section: B)**Short questions (Attempt any five)****[5x3=15]**

1. Write a note on the scope of anatomy and physiology.
2. Plasma membrane is a selectively permeable membrane comment.
3. Explain some joint disorders.
4. Write a note on synovial joint.
5. Give the composition of blood and explain how blood clot is formed.
6. Explain blood coagulation.

(Section: C)**Long questions (Attempt any three)****[3x5=15]**

1. Write a detailed note on appendicular skeleton.
2. What is cell? Enlist the intracellular component of cell. Explain them.
3. Explain in detail about the different stages of cell cycle.
4. Explain in detailed about blood group system and write the importance of Rh factor.