

# **PHB Education**

**Session: 2023 - 24**

**Course: D. Pharm Ist year**

**Subject: Human Anatomy & Physiology (Set-2)**

**Time: 2 hours**

**Exam : IIIrd Sessional Question Paper**

**MM: 40**

**Attempt all the questions:**

## **Section - (A)**

### **Multiple choice Questions:**

**[5]**

**1.** Which of the following destroy pathogens?

- |                   |                     |
|-------------------|---------------------|
| (a) Schwann cells | (b) Microglia cells |
| (b) Astrocytes    | (d) Blood cells     |

**2.** Which of the following is known as suicidal bag?

- |                  |                  |
|------------------|------------------|
| (a) Microsome    | (b) Golgi bodies |
| (c) Mitochondria | (d) Lysosome     |

**3.** Thoracic cavity is also called as .....

- |                      |                   |
|----------------------|-------------------|
| (a) Abdominal cavity | (b) Spinal cavity |
| (c) Pelvic cavity    | (d) Chest cavity  |

**4.** Opening of trachea is covered by small flap of tissue called as .....

- |                |             |
|----------------|-------------|
| (a) Glottis    | (b) Trachea |
| (c) Epiglottis | (d) Larynx  |

**5.** Which gland controls basal metabolic rate?

- |             |                 |
|-------------|-----------------|
| (a) Thyroid | (b) Parathyroid |
| (c) Testes  | (d) Pancreas    |

### **Very Short answer type Question:**

**[5]**

**1.** Enlist the function of lung.

**2.** Classify nervous system.

**3.** Give the classification of small intestine.

**4.** What is pain?

**5.** What does M-Line shows?

### **Section – (B)**

**Short answer type Question (attempt any five):**

**[5×3 = 15]**

1. Explain the structure of the ear.
2. Write a note on the anatomy of nephrons.
3. Give the function of following endocrine secretions.  
(i) ACTH                      (ii) ADH                      (iii) TSH
4. Write physiological properties of skeletal muscles.
5. Write a note on salivary glands.
6. Explain the mechanism breathing.

### **Section - (C)**

**Long answer type Questions (attempt any three):**

**[5×3 = 15]**

1. Write a detail note on structure and function of Lymph nodes & lymph vessels.
2. What are joints? Give the classification of joints. Describe some joints disorders.
3. Give function of following female reproductive organs.  
(a) Ovaries                      (b) Uterus                      (c) Fallopian Tube
4. Explain the conduction system of the heart.