

PHB Sample Paper - 2

D. Pharm Ist Year, THIRD SESSIONAL EXAMINATION, 2022 - 23
(HUMAN ANATOMY & PHYSIOLOGY)

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)****Q1)** _____ is the largest organelles of the cells.

- | | |
|-----------------|--------------|
| a) Nucleus | b) Ribosomes |
| c) Mitochondria | d) ER |

Q2) _____ gland produce the milk.

- | | |
|------------|--------------|
| a) Thyroid | b) Pituitary |
| c) Mammary | d) Adrenal |

Q3) Longest bone of the body is:

- | | |
|----------|------------|
| a) Tibia | b) Fibula |
| c) Femur | d) Humerus |

Q4) Brain consist _____ of neuron.

- | | |
|----------------|-----------------|
| a) 1 million | b) 1000 million |
| c) 100 million | d) 10 million |

Q 5) Select the correct name for the cranial nerve - I

- | | |
|--------------|----------|
| a) Olfactory | b) Optic |
| c) Facial | d) Vagus |

Q. B Fill in the blanks:**(5)****Q 6)** Power house of the cells are _____.**Q 7)** Vitamin K deficiency causes _____.**Q 8)** Glucagon is secreted by _____.**Q 9)** The loss of transparency of the lens causes a defect in the eyes is called _____.**Q10)** Menstrual cycle is of _____ days.

(Section: B)

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

(5 × 3 = 15)

1. Discuss the scope of Anatomy and physiology.
2. Discuss the physiology of menstruation.
3. Write about ball and socket joint with example.
4. Describe the mechanism of blood coagulation.
5. Write the functions of lymph node and spleen.
6. Write in short about any three of the following:
 - a) Glaucoma
 - b) Hemopoiesis
 - c) Micturition
 - d) Menopause.

(Section: C)

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

(5 × 3 = 15)

1. Describe the composition and functions of blood.
2. Draw a neat and labelled diagram of urinary system. Discuss the physiology of urine formation
3. Discuss the structure and functions of liver. How the digestion of carbohydrates, proteins and fats takes place in our body?
4. Describe the physiology of muscle contraction. What is Rh factor?