

PHB Sample Paper - 1

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) Human skeleton is made of a total of:**

- | | |
|--------------|--------------|
| a) 201 bones | b) 206 bones |
| c) 126 bones | d) 198 bones |

Q2) In human body the blood Circulation was discovered by:

- | | |
|---------------------|-------------------|
| a) Karl Landsteiner | b) William Harvey |
| c) Gasparo Aselli | d) Charles Darwin |

Q3) Henle's loop is:

- | | |
|-------------|-------------|
| a) L-shaped | b) S-shaped |
| c) U-shaped | d) V-shaped |

Q4) The largest part of human brain is:

- | | |
|-----------------|----------------------|
| a) Cerebrum | b) Cerebellum |
| c) Diencephalon | d) Medulla oblongata |

Q 5) Islets of langerhans produce:

- | | |
|------------|------------|
| a) Bile | b) Amylase |
| c) Trypsin | d) Insulin |

Q. B Fill in the blanks:**(5)****Q 6)** A muscle is called fatigued when there is accumulation of _____ in it.**Q 7)** The regulation of heart heat and blood pressure are under control of _____.**Q 8)** Bile is stored in the _____ of body.**Q 9)** Estrogen and progesterone are secreted by _____.**Q10)** Exchange of gases in the lungs is called, _____ respiration.

(Section: B)

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

(5 × 3 = 15)

1. Describe the disorders of joints.
2. Describe the mechanism of blood coagulation.
3. Write a note on spleen.
4. Describe the mechanism of respiration.
5. Write about blood groups.
6. Discuss on reflex actions.

(Section: C)

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

(5 × 3 = 15)

1. Draw a neat and labelled diagram of cell. Describe the structure and functions of mitochondria.
2. Describe the composition and functions of blood.
3. Draw a neat and labelled diagram of L.S. of heart. Describe the structure and functions of heart.
4. What are endocrine glands? Describe the various secretions of pituitary gland.