

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
SCHOOL OF PHARMACY
B.PHARM FIRST SEMESTER

FIRST INTERNAL THEORY EXAMINATION: 2021-22

Subject Name: Human Anatomy And Physiology

Subject Code: BP101T

Time:10:00 – 11:15 AM

Date:

Total Marks: 30

Instructions:

1. Figures to the right indicate full marks.
2. Make suitable assumptions wherever necessary.

Q.2 Long Answers: (Any One)

- | | |
|--|----|
| 1) Write in detail about human skeletal system. | 10 |
| 2) Define Cell. Draw labelled diagram of cell and write brief note about Mitochondria and write the function of cell membrane. | 10 |

Q.3 Short Answers: (Any Two)

- | | |
|---|----|
| 1) Write a note on composition and functions of blood and define hemopoiesis. | 05 |
| 2) Write a brief note on structure and functions of skin. | 05 |
| 3) Explain in detail about mitosis and meiosis process of cell cycle. | 05 |

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Q.1 Multiple Choice Questions:

- | | |
|--|----|
| (1) The pH of Human Blood is ___? | 01 |
| (A) 7.2 (B) 7.6 (C) 7.4 (D) 6.8 | |
| (2) _____ is known as Power House of cell. | 01 |
| (A) Golgi Complex (B) Nucleus
(C) Mitochondria (D) Cell Membrane | |
| (3) The volume of blood present in a adult human is... | 01 |
| (a) 1 liter (b) 5 liter (c) 10 liter (d) 2 liter | |
| (4) Which of the following is NOT a connective tissue? | 01 |
| (A) Blood (B) Fat (C) Tendon (D) Mesothelium | |
| (5) Which one is the strongest bone in the body | 01 |
| (a) Femur (B) Humerus (C) Tibia (D) Ulna | |
| (6) _____ is the upper most layer of the skin | 01 |
| A) Hypodermis (B) Epidermis (C) Dermis (D) Mesodermis | |
| (7) How many bone are present in upper limb | 01 |
| A) 30 (B) 33 (C) 43 (D) 20 | |
| (8) Sacrum is fused of _____ numbers of bones | 01 |
| A) 2 (B) 3 (C) 4 (D) 5 | |
| (9) The connective tissue that connects muscle to bone is called | 01 |
| A) Ligament (B) Tendon
(C) Nervous Tissue (D) All of the above | |
| (10) Tissue means _____ | 01 |
| (a) Similar cells having common origin
(b) Similar cells having common origin and functions
(c) Cells having same metabolic activities
(d) Similar cells with same metabolic activities | |