Roll No.:	Enrolment No.

PARUL UNIVERSITY

FACULTY OF PHARMACY

B. PHARM FIRST SEMESTER

FIRST INTERNAL THEORY EXAMINATION: 2022-23

Subject Name: Human Anatomy and Physiology-1 Subject Code: BP101T Date: 09/01/2023 Time: 1 hr 15 min **Total Marks: 30**

Instructions:

1. Make suitable assumptions wherever necessary.

2. Figures to the right indicate maximum marks.

			CO	BL
Q.1	Multiple Choice Questions.	10 Ma	arks (10 X	1=10)
1	Which of the following is unicellular organism?	(1)	CO1	1
	a) Amoeba b) Earthworm			
	c) Mammals d) None of above			
2	is known as Power House of cell.	(1)	CO1	1
	a) Golgi Complex b) Nucleus			
	c) Mitochondria d) Cell Membrane			
3	Which cell organelles are involved in making lysosomes?	(1)	CO1	1
	a) Mitochondria b) Vacuoles			
	c) Golgi Apparatus d) All of the above			
4	Which of the following is NOT a connective tissue?	(1)	CO2	1
	a) Blood b) Fat c) Tendon d) Mesothelium			
5	Which one is the strongest bone in the body	(1)	CO2	1
	a) femur b) humerus c) tibia d) Gluteal			
6	is the upper most layer of the skin	(1)	CO2	1
	a) hypodermis b) epidermis c) dermis d) mesodermis			
7	How many bone are present in upper limb	(1)	CO2	1
	a) 30 b) 33 c) 43 d) 20			
8	Sacrum is fused of numbers of bones	(1)	CO2	1
	a) 2 b) 3 c) 4 d) 5			
9	Which of the following muscle is found within the walls of blood vessels?	(1)	CO1	1
	 a) visceral muscle b) smooth muscle c) Both A and B d) cardiac muscle 			
10	Tissue means	(1)	CO1	1

	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			
Q.2	Q.2 Long Answer: (Answer Any one)		10 Marks (1 X 10 =10)	
	1) Define cell division and explain various phases of	(10)	CO1	2
	mitosis with the help of diagram.			
	2) Define Cell. Draw labelled diagram of cell and write	(10)	CO1	2
	brief note about Mitochondria and write the function of			
	cell membrane.			
Q.3	Short Answer: (Answer Any Two)	10 Marks (2 X 5=10)		5=10)
	1) Define the terms. (i) Long bone (ii) Short bone (iii)	(5)	CO2	2
	Flat bone (iv) irregular bone (v) Sesamoid bone			
	2) Write a brief note on structure and functions of skin.	(5)	CO2	2
	3) Write salient features and functions of Appendicular	(5)	CO2	2
	skeletal system.			