

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
FACULTY OF PHARMACY
B.PHARM FIRST SEMESTER
SECOND INTERNAL THEORY EXAMINATION: 2022-23

Subject Name: Human Anatomy and Physiology

Subject Code: BP101T

Time: 1 hr 15 min

Date: 20-02-2023

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 Marks (10 X 1=10)		
1 Afferent nerve carry impulses from a) CNS to muscles b) CNS to receptors c) receptors to CNS d) effector organs to CNS	(1)	CO4	BL1
2 The lymphatic system consists of all the following except a) blood b) lymph nodes c) Lymphatic vessels d) Lymph	(1)	C03	BL1
3 In peripheral nervous system that arise from spinal cord and brain are called as a) spinal nerves b) cranial nerves c) temporal nerves d) frontal nerves	(1)	CO4	BL1
4 Which of the following is not a part of peripheral nervous system a) Cranial nerve b) ganglion c) spinal nerve d) spinal cord	(1)	CO4	BL2
5 The thickest layer in heart is a) Endocardium b) Myocardium c) Epicardium d) Pericardium	(1)	CO4	BL1
6 Human heart is covered by a double membrane sac called a) plura b) kura c) epicardium d) pericardium	(1)	CO4	BL1
7 The t lymphocytes and b lymphocytes are major cells of a) lymph nodes b) lymphatic vessels c) adrenal gland d) thymus	(1)	C03	BL2
8 Lymph nodes maybe located in the human body in the tissues of a) stomach and brain b) groin and neck c) atrium d) thyroid land	(1)	CO3	BL1
9 The vitamin essential for blood clotting is a) vitamin A b) vitamin B c) vitamin C d) vitamin K	(1)	CO3	BL2
10 Clumping of cells is known as a) clotting b) mutation c) agglutination d) none of the above	(1)	CO3	BL1

Q.2 Long Answer: (Answer Any one)

10 Marks (1 X 10 =10)

- 1) Explain disorders of blood with special emphasis on anemia and its types
- 2) Write down composition and functions of blood.
Briefly describe mechanism of coagulation

CO3 BL1

CO3 BL2

Q.3 Short Answer: (Answer Any Two)

10 Marks (2 X 5=10)

- 1) Classify nervous system. Explain anatomy of eye with a diagram
- 2) Describe anatomy of heart with a neat labeled diagram
- 3) Explain systemic and pulmonary circulation

C04 BL1

C04 BL1

C04 BL1