

Roll No.: _____

Enrolment No. _____

PARUL UNIVERSITY
SCHOOL OF PHARMACY
B.PHARM FIRST SEMESTER
SECOND INTERNAL THEORY EXAMINATION: 2021-22

Subject Name: Human Anatomy and Physiology

Subject Code: BP101T

Date: 17-01-2022

Time: 10:00 – 11:15 AM

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 anatomy of heart and, blood circulation. | 10 |
| 2) Explain in detail with diagram about eye and ear as sensory organs. | 10 |

Q.3 Short Answers: (Any Two)

- | | |
|-----------------------------------------------------------------------------|----|
| 1) List out various cranial nerve with its origin and function. | 05 |
| 2) Differentiate in between sympathetic and parasympathetic system of ANS. | |
| 3) Write about the structure and functions of artery, vein and capillaries. | 05 |

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Q.1 Multiple Choice Questions:

- | | | |
|------|------------------------------------------------------------------------------------------------------------------------------------------------|----|
| (1) | The "fight or flight" response is the term used to describe activation of the _____ | 01 |
| | a) Parasympathetic division b) Sympathetic division
c) Somatic nervous system d) CNS | |
| (2) | In Heart, Tricuspid valve is located between _____ | 01 |
| | a) Right atrium and right ventricle b) Left atrium and left ventricle
c) Right atrium and left ventricle d) Left atrium and right ventricle | |
| (3) | _____ is middle ear bone | 01 |
| | a) Sternum bone b) Temporal bone c) Incus bone d) Ethmoid bone | |
| (4) | X (10th) cranial nerve is _____ | 01 |
| | a) Facial b) Vagus c) Hypoglossal d) Trigeminal | |
| (5) | Inner most layer of heart wall is _____ | 01 |
| | a) Endocardium b) Myocardium c) Pericardium d) None of the above | |
| (6) | Olfaction means _____ | 01 |
| | a) Sense of smell b) Sense of taste c) Sense of vision d) None of the above | |
| (7) | The left side of the heart is responsible for pumping : | 01 |
| | a) Oxygenated blood to the body b) Oxygenated blood to the lungs
c) Deoxygenated blood to the body d) Deoxygenated blood to the lungs | |
| (8) | Tissue fluid in the lymphatic system is called _____ | 01 |
| | a) plasma b) hemoplasma c) Ringer's solution d) lymph | |
| (9) | The lymphatic system consists of _____ | 01 |
| | a) Lymphatic vessels and lymphoid organs
b) all of the plasma component of the bloodstream
c) thymus gland d) axillary lymph nodes | |
| (10) | Increase in intra ocular pressure within eye is called as _____ | 01 |
| | a) Cataract b) Tinnitus c) Glaucoma d) Vertigo | |