

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (MLS) (Sem-2)
HUMAN ANATOMY AND PHYSIOLOGY-I

Subject Code : BMLS-203-18

M.Code : 75899

Date of Examination : 02-06-2023

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

1. Write briefly :

- a) Define Gap Junctions.
- b) Enlist vital signs along with their normal ranges.
- c) Differentiate between Eukaryotic and Prokaryotic cell.
- d) Enlist the blood components with its composition proportion.
- e) Name the strongest and weakest muscles in human body.
- f) Define Atherosclerosis.
- g) Define Tidal Volume.
- h) What are tongue papillae and its types?
- i) Define Gustatory rhinitis.
- j) What do you know about suicidal bags?

SECTION-B

2. Write a note on Cardiac cycle and ECG.
3. Mention the various respiratory volumes and capacities.
4. What are Boyle's law, Henry's law and Dalton's law in respiratory physiology?
5. Discuss the mechanism of gestation.
6. Write a note on muscular skeletal system.

SECTION-C

7. Describe the anatomy of human eye with a well labelled diagram and mechanism of vision in detail.
8. Discuss anatomy and physiology of cardiovascular system.
9. Classify Tissues. Give the structure and functions of all types of tissues found in human body.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.