

**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 : 20-12-2022**

**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 Cardiac Cycle.
  - B) What is Vital capacity?
  - C) What is Hypertension?
  - D) Mention the factors affecting the Pulse.
  - E) Difference between Artery and Vein.
  - F) Name different types of Muscle tissue.
  - G) What is Asthma?
  - H) What is Hypoglycaemia?
  - I) What is Apnoea?
  - J) What are the functions of the nose?

### **SECTION-B**

2. Enumerate the Composition of blood.
3. Draw the well labelled diagram of the human heart.
4. Explain the physiology of respiration.
5. Briefly explain the conducting system of heart.
6. Describe the structure and functions of spleen.

### **SECTION-C**

7. What is Tissue? Explain in detail epithelial tissue.
8. Name the parts of the respiratory system and describe in detail about lungs.
9. Draw the structure of the human cell and write in detail about the functions of cell.

**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.**