

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 09

**B.Sc.(MLS) (2014 to 2017) (Sem.-1)**  
**HUMAN ANATOMY AND PHYSIOLOGY-I**  
Subject Code : BMLS-104  
M.Code : 48049

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION 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 a note on :**

- A) Define Cell.
- B) Give the composition of blood.
- C) Write a short note on nervous tissue.
- D) Define Vital Capacity.
- E) Draw a neat labeled diagram of ear.
- F) Define Myasthenia Gravis.
- G) Differentiate between arteries and veins.
- H) What is ECG?
- I) Define Cell Division.
- J) What are the functions of tympanic membrane?

### SECTION-B

2. Describe the physiology of TASTE.
3. Classify and discuss in detail various joints of body.
4. Explain the Structure of chambers and valves of the human heart.
5. Discuss in detail the types of epithelial tissue.
6. Describe the mechanism of breathing and respiration.

### SECTION-C

7. Define the cardiac cycle. What are the events in a cardiac cycle?
8. What is Blood Pressure? Explain various mechanisms involved in the regulation of Blood Pressure.
9. Describe the structure and functions of lymphoid organs.

**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.**