Roll No.							Total No. of Pages: 0

Total No. of Questions: 09

# B.Sc.(MLS) (2013 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:**

- 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) Enumerate the functions of blood.
- B) Physiology of vision.
- C) Physiology of muscle contraction.
- D) Cardiac cycle.
- E) Mechanism of respiration.
- F) Physiological properties of skeletal muscle.
- G) What is myopia?
- H) Name the bones present in the middle Ear.
- I) Define Erythropoiesis.
- J) Blood grouping.

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## **SECTION-B**

- 2. Give the classification and functions of epithelial tissue.
- 3. Explain with a diagram the knee joint.
- 4. Write a note on white blood cells and their functions.
- 5. Explain the physiology of hearing.
- 6. Describe the structure and functions of thymus gland.

### **SECTIONC**

- 7. Define a Joint. Explain the features of Synovial Joint.
- 8. Enumerate the different special sensory organs of the human body. Describe in detail about eye.
- 9. What is cell division? Describe function and structure of cell organelles.

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.

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