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B.Sc.(MLS) (2011 to 2017) (Sem.-1) HUMAN ANATOMY AND PHYSIOLOGY-I

Subject Code : BMLS-104 Paper ID : [D1110]

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**

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# O1 Write a note on:

- A) Spinal Cord.
- B) Cardiac cycle.
- C) Liver.
- D) Muscle in exercise.
- E) Epithelial tissue.
- F) Movements of joints.
- G) Regulation of respiration.
- H) Cell division.
- I) Total lung capacity.
- J) ECG.



## **SECTION-B**

- Q2 Write the function and disorders of spleen.
- Q3 Explain the life cycle of RBCs.
- Q4 Explain the properties of skeletal muscle.
- Q5 Write a note on white blood cells and their functions.
- Q6 Write notes on synovial joint.

# **SECTION-C**

- Q7 With a neat and labeled diagram, describe the structure and functions of heart.
- Q8 Describe the anatomy of lungs and physiology of respiration.
- Q9 Explain the anatomy of eye with a neat labeled diagram. Explain about image formation.

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