

Roll No.....

Total No. of Printed Pages: 1

Total No. of Questions: [09]

B.Sc. (MLS) (Semester –1st)
HUMAN ANATOMY AND PHYSIOLOGY - I
Subject Code: BMLS1104
Paper ID: [130504]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

- Q1. Define the following:
- a) Crossing Over
 - b) Leptotene
 - c) Isotonic contraction
 - d) ECG
 - e) Heart Sounds
 - f) Stroke Volume
 - g) Functions of WBCs
 - h) Role of Cartilage
 - i) Motor Unit
 - j) ESR

Section – B

(5 marks each)

- Q2. Discuss Mitosis in detail.
- Q3. Describe types of tissues on the basis of location, function and formation.
- Q4. Explain transport of respiratory gases.
- Q5. Give gross and microscopic structure and functions of lymphatic tissues.
- Q6. Write a note on cardiac cycle.

Section – C

(10 marks each)

- Q7. Write a detailed note on classification and structure of joints.
- Q8. Give detailed note on mechanism of muscle contraction.
- Q9. Explain anatomy and physiology of heart.