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Total No. of Printed Pages: [01]

Total No. of Questions: [09]

B.Sc. (MLS/MLT) (Semester – 1st)
HUMAN ANATOMY AND PHYSIOLOGY-I
Subject Code: BMLS1-104
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. Attempt the following:

- a. Epithelial Cells
- b. Connective tissue
- c. Cartilages
- d. Role of ligaments
- e. Fatigue-resistant
- f. Inhalation and exhalation
- g. Normal range of blood pressure
- h. Heart sounds
- i. ECG
- j. Function of platelets

Section – B

(5 marks each)

- Q2. Write a note on different types of tissues and their functions
- Q3. Discuss major classification of joints
- Q4. Discuss various methods of artificial respiration
- Q5. Explain the cardiac cycle.
- Q6. What is coagulation? Discuss different steps of coagulation

Section – C

(10 marks each)

- Q7. Write a note on sliding theory of muscle contraction.
- Q8. Discuss the anatomy and physiology of heart
- Q9. Discuss different types of cell division in human body