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Total No. of Printed Pages: 1

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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. Write a note on
- a) Coronal plane
 - b) Ligaments
 - c) ESR
 - d) Stroke volume
 - e) Isotonic contractions
 - f) Adduction
 - g) Cardiac output
 - h) Meiosis
 - i) Endothelial tissue
 - j) Trigeminal nerve

Section B

(5 marks each)

- Q2. Explain in detail about cell division along with flowchart
- Q3. Classify joints along with their examples
- Q4. Explain mechanism of Respiration
- Q5. Discuss in detail about developmental stages and fate of RBC
- Q6. Discuss about bone formation and its growth

Section C

(10 marks each)

- Q7. Discuss about anatomy and physiology of Heart
- Q8. Discuss in detail about mechanism of muscle contraction.
- Q9. Classify tissues along with structure and function.