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. 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.