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B.Sc. (MLS) (2018 Batch) (Sem.-2) HUMAN ANATOMY AND PHYSIOLOGY-I

Subject Code : BMLS-203-18 M.Code : 75899

Time: 3 Hrs. Max. Marks: 60

INSTRUCTIONS 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

1. Write briefly:

- A) Define mitosis.
- B) Write any two characteristic features of skeletal muscle.
- C) Write a note on electrocardiogram.
- D) What are the various refractive errors of eye?
- E) How gases are transported in the body?
- F) Write the functions of tongue.
- G) Define congestive cardiac failure
- H) Mention any two functions of blood.
- I) Define haemopoiesis.
- J) Name the different lymphatic organs of the body.



SECTION-B

- 2. Explain the physiology of hearing.
- 3. Write in detail about the lymphatic organs.
- 4. With the help of neat labelled diagram briefly explain the physiology of the heart.
- 5. Enumerate the clotting factors and explain the mechanism of Blood coagulation
- 6. Describe the molecular organization of cell membrane.

SECTION-C

- 7. Explain the anatomy of eye with a neat labelled diagram. Discuss the physiology of vision.
- 8. Briefly explain the Structural differences between Skeletal, Cardiac and Smooth Muscles.
- 9. Classify joints and explain the different types of joints with suitable examples.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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