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Total No. of Printed Pages: [01]

Total No. of Questions: [09]

B.Sc. (MLS/MLT) (Semester – 2nd)
HUMAN ANATOMY AND PHYSIOLOGY -II
Subject Code: BMLS1-212
Paper ID: [130509]

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. Different types of body fluids
- b. Electrolytes
- c. Liver function test
- d. Structure of neuron
- e. Structure of nephron
- f. Renal function test
- g. Gametogenesis
- h. Functions of tongue and teeth
- i. All-or-none law for nerves and muscles
- j. Cardinal principle

Section – B

(5 marks each)

- Q2. How electrolyte imbalance leads to fluid imbalance? Explain
- Q3. Explain different digestive glands involved in digestion of carbohydrates
- Q4. Explain different phases of menstrual cycle
- Q5. Discuss the importance of neurotransmitters in transmission of nerve impulse
- Q6. Write a note on structure and function of intestine

Section – C

(10 marks each)

- Q7. Discuss mechanism of urine formation
- Q8. What are the different function of spinal and cranial nerve
- Q9. Explain in detail the process of digestion