

Roll No.

Total No. of Pages : 02

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**B.Sc.(MLS) (Sem.-2)**  
**HUMAN ANATOMY AND PHYSIOLOGY-II**  
Subject Code : BMLS-204  
M.Code : 48058  
Date of Examination : 06-07-22

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. 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. Answer briefly :**

- A) What is the pH of drinking water?
- B) How many chromosomes do human have in each cell?
- C) Define GFR.
- D) Write a short note on endocrine glands.
- E) What are vitamins?
- F) Write a short note on gall stones.
- G) What are canine teeth?
- H) Define spermatic cords.
- I) Write a short note on Grey matter.
- J) What is the composition of urine?

## SECTION-B

2. Describe the mechanism of body heat loss.
3. What are the functions of liver?
4. Explain the physiology of 'Urine formation'.
5. Explain the structure and function of the testes.
6. Describe the structure of neuron.

## SECTION-C

7. Give the difference between endocrine and exocrine gland. Enumerate hormones of pituitary gland.
8. What is digestion? Describe the structural and functional organisation of the digestive system.
9. Explain the importance of the blood-brain barrier in maintaining homeostasis within the brain.

**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.**