

**Roll No.**

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**Total No. of Pages : 02**

**Total No. of Questions : 10**

### **B.Sc. (MLS) (Sem.-3)**

## HUMAN ANATOMY AND PHYSIOLOGY-II

**Subject Code : BMLS303-18**

**M.Code : 76632**

**Date of Examination : 18-06-2025**

**Time : 3 Hrs.**

**Max. Marks : 60**

**INSTRUCTIONS 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 FOUR questions carrying TEN marks each and students have to attempt any TWO questions.**

## SECTION - A

**1. Write briefly :**

- What do you mean by fluid balance and imbalance in the body?
- Write about nephron and its function.
- Discuss brief about the parts involved in female reproductive system.
- Write about types and function of cranial nerve.
- Describe name and functions of different digestive glands in the body.
- Write about the embryonic membrane.
- Write the major difference between endocrine and exocrine glands in the body.
- What is the function of spinal cord?
- What is the role of placenta?
- Write about the different hormones involve in menstruation.

### **SECTION - B**

2. Explain the different phases involved in menstruation cycle.
3. Write about the various stages of fertilization.
4. Briefly describe the different endocrine glands in the body.
5. Describe the gametogenesis in females.
6. Describe about the different functions of liver.

### **SECTION - C**

7. Draw a detailed structure of urinary system. Write about structure and function of kidney.
8. What are the parts of the nervous system? Write the differences between the brain and the spinal cord.
9. Differentiate between male and female reproductive system with the well-defined diagram.
10. Describe about all the accessory organs of digestive system with diagram. Write about physiology of digestion of proteins and carbohydrates.

**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.**