

**Roll No.**

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Sc(Medical Lab Sciences) (Sem.-2)**  
**HUMAN ANATOMY & PHYSIOLOGY-II**

**Subject Code : BMLS-204**

**M.Code : 48058**

**Date of Examination : 15-12-22**

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

## SECTION-A

**1. Write briefly :**

- a) Define Gastritis.
- b) Name the hormones secreted by pancreas.
- c) Enlist various functions of stomach.
- d) Write a short note on Diabetes mellitus
- e) Where is subarachnoid space located?
- f) Define Glomerular Filtration Rate.
- g) What is the characteristic feature of trigone of urinary bladder?
- h) Name the hormones responsible for growth of Graafian follicles and Ovulation.
- i) Define Glycolysis.
- j) Define Electrolytes.

### **SECTION-B**

2. Differentiate the terms Digestion and Absorption.
3. Explain the menstrual cycle.
4. Describe briefly about the mechanism of micturition.
5. Draw and label diagram of coronal section (Bisected) kidney.
6. Write a note on structure of neuron.

### **SECTION-C**

7. List out the cranial nerves and its functions.
8. What are the endocrine glands of our body and give their functions?
9. Explain the various processes in spermatogenesis. Write notes on the structure of a matured sperm.

**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.**