

**Total No. of Pages : 02**

**Total No. of Questions : 09**

**B.Sc.(MLS) (2011 to 2017) (Sem.-2)**  
**HUMAN ANATOMY AND PHYSIOLOGY-II**  
**Subject Code : BMLS-204**  
**Paper ID : [D1120]**

**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 has to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.**

## SECTION-A

**Q1 Write a note on :**

- A) Functions of liver.
- B) Glomerular Filtration Rate.
- C) Define Ovulation.
- D) Homeostasis.
- E) Cerebrospinal Fluid.
- F) Functions of Bile.
- G) Neuro-Muscular Junction.
- H) Hypoxia.
- I) Carbohydrate metabolism.
- J) Acid base balance.

### SECTION-B

- Q2 Describe the various endocrine glands in the body.
- Q3 Draw a neat diagram of a Nephron and label its parts.
- Q4 Differentiate upper and lower motor neuron lesion.
- Q5 List any four functions of gastric juice.
- Q6 What are the hormones involved in regulation of water balance in the body?

### SECTION-C

- Q7. Discuss the mechanism of Blood Coagulation. Add a note on Haemophilia.
- Q8. Describe in detail the anatomy of the liver and the functions of the liver.
- Q9. Classify the Nervous system and write in detail about the functional areas of Cerebrum.