

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

Bachelor of Science-(Honours) (Nutrition and Dietics) (Sem.-1)

HUMAN PHYSIOLOGY

Subject Code : BSND-114-18

M.Code : 77211

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) What are axons and dendrites?
- b) What is reflex arc?
- c) How is heart beat originated and conducted in the heart?
- d) What is reticulo-endothelial system?
- e) What are the taste receptors present on the tongue?
- f) What is the function of hemoglobin?
- g) What is autonomic nervous system?
- h) What is the function of urinary bladder?
- i) What is ECG?
- j) Draw the structure of kidney.

SECTION-B

2. What are the enzymes released from stomach and small intestine?
3. Write the functions of RBC, WBC and platelets.
4. Classify different epithelial and connective tissues.
5. Write the functions of ribosomes, endoplasmic reticulum and Golgi apparatus.
6. Explain the process of gas exchange in lungs.

SECTION-C

7. Explain the process of digestion and absorption of fats.
8. What is blood pressure? What are its different types? How is blood pressure regulated in the body?
9. Draw and explain the structure of human ear.

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.