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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:**

- 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 www.FirstRanker.com the body?
- Draw and explain the structure of human ear. 9.

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.

**2** M-77211 (S2)-2532