

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Hons (Nutrition and Dietetics) (Sem.-1)

PRINCIPLES OF HUMAN NUTRITION

Subject Code : BSND-111-18

M.Code : 77208

Date of Examination : 10-01-2023

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) Fair Sources of protein
- b) Deficiency of fats
- c) Rich sources of energy
- d) Metabolism of fat
- e) Major function of carbohydrates
- f) Deficiency of water-soluble vitamins
- g) Difference between minerals and vitamins
- h) Function of vitamins B12 and B6
- i) Rich Sources of magnesium and zinc
- j) Metabolism of protein.

SECTION-B

- 2) Explain deficiency and metabolism of fats.
- 3) Define protein and its metabolism in detail with specific diagram.
- 4) Write about the classification of carbohydrates and its metabolism.
- 5) Explain about the function of macro vitamins and minerals.
- 6) Define energy and its sources, deficiency and function.

SECTION-C

- 7) Explain in detail about the function, metabolism, sources and deficiency of energy.
- 8) Explain in detail about the function, metabolism, sources and deficiency of vitamin B.
- 9) Explain in detail about the function, metabolism, sources and deficiency of CHO.

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.