

Total No. of Pages : 02

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

Subject Code : BSND-111-18

M.Code : 77208

Max. Marks : 60

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.

1. Write briefly :

- Define the term 'Nutrition'.
- Write down any two functions of proteins in body.
- Enlist any two rich sources of Vitamin A.
- What is RDA?
- Name any four macro-minerals.
- Give the diagrammatic representation of secondary structure of proteins.
- Write down the biochemical importance of sucrose.
- Enlist two units for measurement of energy in body.
- What are essential fatty acids?
- Write down the symptoms for deficiency of calcium.

SECTION-B

2. Define fats. Write short note on classification of fats along with suitable examples.
3. What are non-conventional foods? Give suitable examples along with their uses.
4. Write short note on malnutrition and its implications on health.
5. What are water-soluble vitamins? Discuss the sources and functions of water-soluble vitamins in body.
6. Discuss the biological methods used to assess the quality of proteins.

SECTION-C

7. Define carbohydrates. Discuss in detail the functions, sources and symptoms of carbohydrates deficiency in body.
8. What is BMR? Discuss in detail the methods to measure total energy requirement of human body.
9. Discuss in detail the history, role and scope of nutrition in human health.

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.