Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(HMCT) (2013 to 2017 Batch)   (Sem.–1)

FOOD SCIENCE & NUTRITION

Subject Code : BSHM-107
M.Code : 12071

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) **Explain the following :**

   a) Define Nutrition.

   b) What is the meaning of the term Hollow Calories?

   c) Explain PCM.

   d) What are Sterols?

   e) Explain Night blindness.

   f) Write two sources of Iron.

   g) What is SDA?

   h) Explain Dextrinization.

   i) Mention two effect of heat on egg protein.

   j) Explain Flavour Reversion.

SECTION-B

2) Explain the effect of deficiency of water in human body.

3) Classify Minerals.

4) Classify Lipids on the basis of degree of saturation.

5) Write **any five** role of Protein in food preparation.

6) Write **any five** ways to prevent Rancidity.

SECTION-C

7) Explain the functions of food.

8) Define Minerals and explain its functions.

9) Write **any ten** effects of deficiency of carbohydrates.

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.