



Name :

Roll No. :

Invigilator's Signature :

CS/BHMCT/SEM-2/HM-205/2013

2013

FOOD SCIENCE & NUTRITION

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP - A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : $10 \times 1 = 10$
 - i) RDA stands for
 - a) Recommended Dietary Advice
 - b) Recommended Dietary Allowance.
 - ii) Butter is a good source of
 - a) Vitamin A
 - b) Vitamin K.
 - iii) Liver glycogen is continually converted to
 - a) glucose
 - b) fructose.
 - iv) Vegetable oil contains
 - a) poly saturated fatty acid
 - b) poly unsaturated fatty acid.
 - v) Amla (Gooseberry) is a good source of
 - a) Vitamin A
 - b) Vitamin C.

CS/BHMCT/SEM-2/HM-205/2013



- vi) The process from which milk is separated from skimmed milk is
- a) Homogenization b) Pasteurization.
- vii) Causes of food spoilages are
- a) activity of bacteria, yeast and mould
- b) physical change in food.
- viii) The recommended energy / kcal required for a man of 60 kg weight is
- a) 2000 kcal b) 2425 kcal.
- ix) Vitamin A is a
- a) fat-soluble vitamin
- b) fat non-soluble vitamin.
- x) Sun-drying of fish is an example of
- a) long-term preservation
- b) short-term preservation.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following 3 × 5 = 15

2. Write short note on effect of deficiency of Vitamin D.
3. Define the following :
 - a) Bacteriostatics
 - b) Bacteriocidal.
4. Define the following :
 - a) Skim-milk
 - b) Clarification of milk.
5. Write short note on effect of deficiency of iron.
6. Define (a) Pellagra, (b) Goitre.



GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. Briefly describe about Vitamin *B* complex deficiency in food.
8. Explain about the various types of long-term & short-term food preservation.
9. Discuss the various points to be considered while planning a balanced & good nutritious meal.
10. Classify & explain major nutrients and their functions.
11. Define RDA. Describe general principles of RDA. How is RDA derived ?

=====