



Printed Pages : 2

BHMCT – 206

(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 7469**

Roll No. 

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## BHMCT

(SEM. II) EXAMINATION, 2006-07

### NUTRITION

*Time : 3 Hours]*

*[Total Marks : 100*

- Note :**
- (1) Attempt *all* questions.
  - (2) All questions carry *equal* marks.

- 1** Explain the terms food, nutrients, nutrition and malnutrition. What are the physiological, social and psychological functions of food. **20**

**OR**

- 1** What is BMR? Discuss the various functions for which energy is required by the body.
- 2** Write short notes : (any **four**) **4×6=24**
- (a) Protein Energy Malnutrition
  - (b) Biological value of protein
  - (c) Obesity
  - (d) Sources and functions of carbohydrates
  - (e) Amino acids
  - (f) Cellulose.

**3** Attempt any **two** parts : **4×6=24**

- (a) How will you classify vitamins? Discuss function of vitamins A and E in the body.
- (b) What are the sources, functions and effects of deficiency of calcium ?
- (c) What are the losses on cooking and storage of carotene and thiamin ?

**4** Attempt any **two** parts : **4×6=24**

- (a) What are rickets, osteomalacia, osteoporosis, anaemia and goitre?
- (b) Discuss the sources, functions and deficiency of sulphur, potassium and zinc.
- (c) What is water balance? What are the sources and functions of water in the human body?

**5** What are the effects of storages, pre-preparation **2×8=16** and cooking on following nutrients : (any **two**)

- (a) Riboflavin
  - (b) Fats
  - (c) Proteins
  - (d) Folic acid.
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