

- (d) What are amino acids and what are their functions? Write a note on non-essential amino acids.
- (e) What are the structural and regulatory functions of protein? Write a note on saturated fatty acid.
- (f) What are the dietary sources of protein? Discuss the effect of deficiency and excess of protein in human body.
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Printed Pages : 4



174224

NBHM206

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

PAPER ID : 174224

Roll No.

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BHMCT
(SEM. II) THEORY EXAM. 2014-15
NUTRITION

Time : 3 Hours]

[Total Marks : 100

Note : Attempt the questions from each section as indicated.

SECTION - A

Q1. Define any *ten* from the following terms: 2x10=20

- (a) Kilo calorie
- (b) Obesity
- (c) Monosaccharide

- (d) Bran
- (e) Collagen
- (f) Essential amino acid
- (g) ORS
- (h) Omega -3 fatty acids
- (i) Adipose tissue
- (j) Antioxidant
- (k) Balanced diet
- (l) Demerara sugar

SECTION - B

Q2. Attempt any *five* questions from the following : $6 \times 5 = 30$

- (a) What are the factors affecting the food habits? Explain malnutrition.
- (b) "Food serves a number of functions in our lives".
Comment.

- (c) What is BMR? Explain the factors that affect BMR in an individual.
- (d) What is absorption of nutrients? Write a short note on the digestion of food.
- (e) Define health. Classify the carbohydrates in brief.
- (f) Throw light on the functions of water. Discuss the balance of water in the human body.

SECTION - C

Q3. Attempt any *five* questions from the following : $10 \times 5 = 50$

- (a) What are carbohydrates? Discuss the effect of its excess and deficiency in human body.
- (b) Explain monosaccharide and polysaccharide with relevant examples.
- (c) Write a note on dietary fiber and its importance. Classify the lipids.