

M.Sc. 3rd Semester Examination, 2015

NUTRITION AND DIETETICS

PAPER — NUD-302 (Module-I & II)

Full Marks : 40

Time : 2 hours

Answer all questions

The figures in the right-hand margin indicate marks

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

Illustrate the answers wherever necessary

(Therapeutic Nutrition)

MODULE—I

- 1. Answer any five questions of the following : 1 × 5**
 - (a) What is cross-link theory ?**
 - (b) Write any two characteristics of clear fluid diet.**
 - (c) Write the full form of NCEP.**

(Turn Over)

(2)

- (d) Define 'food diary'.
 - (e) What do you mean by atherosclerosis ?
 - (f) Write the name of two diseases under CMD.
 - (g) Write any two features of TPN.
 - (h) What is pre-operational diet ?
2. (a) Mention the types of therapeutic diet ?
- (b) What are the differences between therapeutic and normal diet ?
 - (c) Write the steps for the conversion of normal diet to therapeutic diet. 1+2+5

Or

- (a) "Nutritional screening is an important biomedical sensor for disease isolation."— Justify the statement from the viewpoint of nutrition.
- (b) Write the application of nutritional screening in the field of disease diagnosis. 5+3

(3)

3. (a) Discuss the differences between enteral and parenteral nutrition.
- (b) Give a brief account of the nutrient contents of TPN for children. 3 + 4

Or

- (a) What does the term 'CMD' refers to ?
- (b) State the common pathophysiology of CMD.
- (c) Write a note on guidelines for therapeutic managements of CMD. 1 + 3 + 3

MODULE-II

4. Answer any *five* questions of the following : 1×5
- (a) What do you mean by nephritis ?
- (b) What are the symptoms of cirrhosis of liver ?
- (c) Mention the importance of vitamin B₂ in the prevention of cataract.

(4)

- (d) What is hyperkalaemia ?
 - (e) Mention the importances of frequency and duration of dialysis.
 - (f) Write down the two common causes of hepatitis.
 - (g) Mention the symptoms of tuberculosis.
 - (h) Write the names of two auto-immune diseases.
5. (a) What is jaundice ?
- (b) Mention the causes of jaundice.
- (c) What are the measures to be taken in the management of jaundice ? 2+1+5

Or

- (a) What is the basic principle of dialysis ?
- (b) What are the criteria to suggest dialysis for a patient ?
- (c) What are the merits and demerits of peritoneal dialysis ? 2+2+4

(5)

6. (a) How cataract is detected and treated ?

(b) Discuss the hypothesis for cataractogenesis. 4+3

Or

(a) How cytokines are released from a cell ?

(b) Discuss the nutritional management of any one immunodeficiency disorder with special reference to its pathophysiology. 2+5