

2012

M.Sc.

3rd Semester Examination

NUTRITION & DIETETICS

PAPER—NUD-302

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.

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

Illustrate the answers wherever necessary.

Module—I

[Therapeutic Nutrition (Part-I) : 20 Marks]

1. Answer any five questions of the following : 1×5
- (a) What is soft diet ?
 - (b) Define therapeutic nutrition.
 - (c) Write any two names of reservoir pool of blood glucose.
 - (d) What do you mean by Refeeding Syndrome ?
 - (e) Describe low and high residue diet.
 - (f) In which conditions sodium restricted diet are required.

(Turn Over)

- (g) Write the name of two diseases under CMD.
- (h) Name two chemical sensors for the assessment of lipid profile.
2. (a) What do you mean by CMD ?
- (b) State the process of development of CMD.
- (c) Discuss the guidelines for the therapeutic management of CMD. 2+3+3

Or

- (a) What are the components of clear fluid diet ?
- (b) What foods are included and excluded in bland diet and what are the indication of such diet ?
- (c) State the usefulness of Laboratory data for the therapeutic diet formulation of a patient. 2+(2+2)+2
3. (a) How do you nutritionally manage a patient suffering from diabetic nephropathy ?
- (b) State the name of few diseases with common multiple disorders.
- (c) How do you manage lactose intolerance of an infant ? 3+2+2

Or

- (a) Write the features of soft diet.
- (b) State the limitation and advantages of soft diet.
- (c) Why full fluid diet and soft diet are recommended jointly for the patient suffering from pyrexia ? 2+(1½+1½)+2

Module—II**[Therapeutic Nutrition (Part-II) : 20 Marks]**

4. Answer any five questions of the following : 1×5
- (a) What type of food should be restricted in renal failure patients ?
 - (b) What are the pathophysiological symptoms of tuberculosis ?
 - (c) Write two causes of atonic constipation.
 - (d) Write two clinical features of infective hepatitis.
 - (e) Why fever increases energy expenditure ?
 - (f) What diagnostic tests occur to identify malaria ?
 - (g) What is flatulence ?
 - (h) What do you mean by cataractogenic substance.
5. (a) What type of dietary modification is needed in Infective hepatitis ?
- (b) Write the metabolic changes noted during fever ? 5+3

Or

- (a) Write the symptoms of Acute renal failure ?
- (b) Write the causes of Glomerulonephritis.
- (c) What kind of diet should be recommended for Nephritis ? 2+3+3

6. (a) What are the symptoms and clinical features of Cirrhosis of Liver?
- (b) Describe the dietary management of Cirrhosis of Liver. $1\frac{1}{2} + 5\frac{1}{2}$

Or

- (a) State the role of anti cataractogenic substances from the view point of dietary management.
- (b) "Milk and fat in diet are important ingredients for the therapeutic management of Ulcer." Justify the statement. $3 + (2 + 2)$
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