

**2011**

**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) Write the names of any two diseases under CMMD.
  - (b) Write the full form of TLC diet.

*(Turn Over)*

- (c) Give any two examples of high risk state of patient.
- (d) What is monomeric diet ?
- (e) Write the names of any two chemical sensors for the assessment of lipid profile.
- (f) Write the names of any two methods for the assessment of nutritional status of hospitalized patients.
- (g) What are any two major regulators of therapeutic diet formulation ?
- (h) Write the names of any two states where sodium restricted diet is require.
2. (a) Write the features of clear fluid diet.
- (b) State the usefulness of laboratory data for the therapeutic diet formulation of patient.
- (c) Describe with an example about the impact of the laboratory data on the formulation of diet of the patient. 2+2+4

Or

- (a) Write the guidelines for the formulation of TLC diet.
- (b) State the scientific basis for the inclusion of different dietary ingredients in TLC diet for the management of CMMD.
- (c) Draw the line diagram for the possible consequences under CMMD. 2+4+2
3. (a) Discuss the process of nutritional status assessment of high risk patient with example.
- (b) State the nutritional management of SAM.
- (c) Write the features of soft diet. 2+3+2

Or

- (a) Discuss the method of assessment of nutritional status of outdoor patient in general.
- (b) "Diet therapy is more effective than chemotherapy for the recovery of undernutrition state." Justify the statement from the angle of the concept of therapeutic diet. 4+3

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

4. Answer any *five* questions of the following :
- (a) Write the name of the protein present in our eye.
  - (b) State the name of any one test for the diagnosis of renal failure.
  - (c) Write the formula of the corrected creatinine clearance value.
  - (d) Write any one major difference between gastric and duodenal ulcer.
  - (e) What do you mean by oligouria and polyuria?
  - (f) Write the names of major two gases present in air.
  - (g) Write any two complications due to cirrhosis.
  - (h) What do you mean by lymphokines?

5. (a) "Dietary modification can able to overcome the immunodeficiency state." Justify the statement from the dietary supplementation of Protein and Iron for such immunomodulation.

(b) State in brief about the nutritional management of cataract considering different hypothesis for cataractogenesis. 5+3

Or

(a) Why bone tuberculosis and renal tuberculosis are noted though it is airborne disease in general?

(b) State the justification of vitamin and mineral supplementation in diet for the management of tuberculosis.

(c) "High protein diet is an important aspect for the management of tuberculosis." Justify the statement.

$2+(1\frac{1}{2}+1\frac{1}{2})+3$

6. (a) Discuss about the impact of 3-styles for the one constipation.
- (b) Why low fat and high fiber diet is recommended for the management of constipation. 3+(

Or

- (a) What is glomerulonephritis?
- (b) Write the symptoms of glomerulo nephritis.
- (c) State the nutritional management of glomerulonephritis with special emphasis of protein, sodium and potassium content in diet.

$1+1\frac{1}{2}+(2\frac{1}{2}+1)$