

**M.Sc. Part-I Examination, 2013**  
**DIETETICS AND COMMUNITY NUTRITION**  
**MANAGEMENT**

**PAPER—II (Unit-4)**

**Full Marks : 50**

**Time : 2 hours**

**Answer Q. No. 1 and any four from the rest**

*The figures in the right-hand margin indicate marks*

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

1. Answer any five of the following : 2 × 5

(a) What is meant by Parenteral Nutrition ?

(b) What is the full form of NACO ?

(c) What is 'Bitot's spot' ?

(d) What are 'Nutraceuticals' ?

( Turn Over )

- (e) What is the full form of ARV's ?
  - (f) Define 'glycemic index'.
  - (g) What are food adulterants ? How they differ from food additives ?
  - (h) Define 'glycogen storage disease' with an example.
2. (a) Name the pathophysiological states where 'low sodium diet' is prescribed and why ?
- (b) What are the dietary factors of prime importance in the management of CHD ?  
(2 + 3) + 5
3. (a) What is Gout ?
- (b) How it differs from Arthritis ?
- (c) Formulate the diet recommended for treatment of Gout. 2 + 2 + 6
4. (a) What is meant by drug-diet interaction ?

- (b) How these interactions are categorised ?
  - (c) Discuss how antacids affect the nutritional status of the body. 2 + 4 + 4
5. (a) What are the three main aims of nutritional assessment of a community ?
- (b) By which method and how we can assess the nutritional status of a community. 5 + 5
6. (a) What are the components of parenteral nutrition (PN) fluid ?
- (b) What is the composition of commercially available PN solution ? 4 + 6
7. (a) 'A tuberculosis patient must be given a high protein diet' – Explain.
- (b) Discuss why do caloric-needs increase during fevers. 5 + 5
8. Formulate a diet chart for a patient suffering from Type I diabetes. 10

9. (a) Discuss the different methods for assessment of nutritional status of the hospitalized patient.

(b) What are the dietary management needed for a patient at post-operative stage? 5+5