M.Sc. Part-I Examination, 2013
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 x 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 ARVs?

(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?

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