M.Sc. Part-II Examination, 2013

DIETETICS AND COMMUNITY NUTRITION MANAGEMENT

PAPER— VII(Unit-14)

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

Illustrate the answers wherever necessary

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

(a) What do you mean by RDA ?

(b) What is irritable bowel syndrome ?

(c) What are intramuscular triglycerides ?

(d) Define Net Protein Utilization (NPU).

(Turn Over)
(2)

(e) Why LDL is bad for our body?

(f) What is Anorexia nervosa?

(g) State the role of antioxidants.

(h) What do you mean by probiotic?

2. (a) What do you mean by inborn error of metabolism?

(b) Discuss briefly dietary management for children suffering from lactose intolerance.

(c) Write briefly on albinism.  $3 + 4 + 3$

3. (a) What do you mean by fever?

(b) Write the symptoms of viral fever.

(c) State the dietary advisory for children having viral fever.  $2 + 4 + 4$

4. (a) Write the major body composition changes occurring in aged person.

$3 + 2 + 3$

5. (a) Write in brief about free radical theory on aging.

(b) What do you mean by geriatric induced hypertension.

(c) Write the dietary management of geriatric hypertension.  $3 + 3 + 4$

6. (a) Discuss critically role of carbohydrate loading for enhancement of endurance performance.

(b) State the role of anaerobic energy system during short duration sports events.

(c) State the role of antioxidant on sports performance.  $4 + 3 + 3$

(3)

(b) What are carbohydrate metabolic charges noted in aged person? Describe the mechanism behind it.

(c) Formulate a diet chart for non-diabetic elderly women.  $3 + (2 + 3) + 2$

DDE/II/VII/U-14/13(DCNM)  

(Continued)
7. (a) Write the difference between health care and medical care.

(b) What do you mean by antenatal care?

(c) Describe the health care programmes for mother. 

3 + 3 + 4

8. Write briefly on:

(a) ATP-CP system

(b) Role of rehydration in sports

(c) Sports anaemia. 

4 + 3 + 3

9. (a) State the essential components of nutrition for the sports person.

(b) Describe the important aspects to be considered while prescribing a diet chart for a sprinter.

(c) What is sports-related fitness? 

4 + 3 + 3