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

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 )

- (b) What are carbohydrate metabolic changes noted in aged person? Describe the mechanism behind it.
- (c) Formulate a diet chart for non-diabetic elderly women. 3 + (2 + 3) + 2
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

( 4 )

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 :  $4 + 3 + 3$
- (a) ATP-CP system
- (b) Role of rehydration in sports
- (c) Sports anaemia.
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 ?  $4 + 3 + 3$