

2014

M.Sc. Part-II Examination

DIETETICS AND COMMUNITY NUTRITION MANAGEMENT

PAPER—VII (Unit-14)

Full Marks : 50

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.

Answer Question No. 1 and any four from the rest.

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

- (a) Write the full form of AAHPERD.
- (b) What are low glycemic foods with their importance ?
- (c) What do you mean by acute metabolic Encephalopathy ?
- (d) Write different types of Flatulence Producing foods.

(Turn Over)

- (e) How to differentiate between Kwashiorkor and Marasmus children externally.
- (f) What do you know about Glycation theory of Aging ?
- (g) What is heart burn ?
- (h) What is the role of VHW ?
2. (a) What is diarrhoea? How diarrhoea is related to malnutrition ?
- (b) Describe in brief therapy prescribed to children during diarrhoea ?
- (c) What is the importance of Zinc Supplementation of children ?
- (2+1)+4+3
3. (a) Write the biochemical changes in ageing.
- (b) What are the nutrition related problems in old age ?
- (c) State the specific dietary guidelines for elderly people.
- 3+4+3
4. (a) What are the consequences of severe to malnourishment in children ?
- (b) Discuss the role of four micronutrients in growth and development of children.
- 2+(2+2+2+2)

5. (a) Write the different types of health determinants.
- (b) State the significance of phosphagen system and lactic acid system.
- (c) Differences between slow & fast twitch muscle fibres.
- 4+3+3
6. (a) State the different types of IEM's with specific disorders.
- (b) Describe the same major clinical manifestations and dietary regimes of IEMs.
- 4+6
7. (a) Write the nutritional requirement of pregnant mother.
- (b) State the different nutritional programmes for mother & child care in public sector.
- 5+5
8. (a) State the water replacement before & during exercise.
- (b) What are the precautions for pregame meal.
- (c) Discuss the dietary protein intake for athletes.
- 3+3+4

9. Write notes on the following :

- (a) Anti-aging role of melatonin.
- (b) Role of cytochrome-C as antioxidant in cell.
- (c) Daily energy requirements of different outdoor games as per ICMR, 2010.

3+3+4