

2018

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

1. Answer any five questions from the following : 5×2

(a) Mention the importance of Vit. D in the diet of elderly person.

(b) What is the importance of carbohydrate intake in the diet of athletes ?

(Turn Over)

- (c) What are the environmental factors responsible for acute diarrhoea?
- (d) Mention the importance of fluid intake in fever.
- (e) Write down the symptoms of phenylketonuria.
- (f) What are the main differences between marasmns and knasiorkor?
- (g) What is sports anemia?
- (h) What is hyponatrimia?
2. (a) Why carbohydrate is called "master fuel"?
- (b) Discuss different factor affecting protein catabolism during exercise.
- (c) State the RDA of protein for athletes? 2+6+2
3. (a) Write on the importance of electrolyte intake for the endurance type of sports.
- (b) What are the recommended dietary calorie intakes for different sports persons? Discuss the factors for cal/oric requirements of various athletes. 4+(3+3)

4. (a) State the significance of water replacement before and during exercise.
- (b) What are the precautions for pre-game meal?
- (c) Write on the planning of diet for different categories of athletes. 3+3+6
5. (a) What are the clinical types of acute diarrhoea?
- (b) State the WHO guidelines for the classification of dehydration.
- (c) Discuss about the feeding of infants and children during acute diarrhoea. 2+3+5
6. (a) What is meant by intermittent fever?
- (b) Discuss the dietary regimen of calorie, fats, carbohydrates, proteins, vitamins and minerals for fever.
- (c) Mention the special dietary advice for typhoid fever. 1+(1+1+1+2+2)+2

7. (a) What is IEM ?

(b) Describe the dietary recommendation for homocystinemia, galactosemia and glycogen storage disease ? $2+(3+2\frac{1}{2}+2\frac{1}{2})$

8. (a) Write down the nutritional requirements for a lactating mother.

(b) Describe the different nutritional programmes for mother and child care in public sector.

(c) Mention the role of any one micronutrient in the growth of children. $4+4+2$

9. (a) Discuss the neuronal and cardiovascular changes seen in elderly persons.

(b) State the nutritional related problems in old age.

(c) Describe the nutritional requirements of elderly persons. $(2+2)+3+3$