

APRIL 2018

1709416/PBYE21C

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 1 = 10 marks)

Answer any TEN of the following questions.

Write short notes on the following :

Define the following terms :

1. Balanced diet
2. Units of energy
3. Hyperglycemia
4. Polyurea
5. LDL
6. Ketosis
7. Positive Nitrogen Balance
8. Essential amino acids
9. Marasmus
10. Rickets
11. RDA of Vitamin A
12. Sources of Calcium and Iron.



SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Discuss on energy yielding and protective food nutrients.
14. Write the food chart for diabetic patients.
15. Give an account of hyperlipidemia.
16. Describe the lipids present in the diet and mention their functions.
17. Write a note on Kwashiorkor.
18. Describe anemia with special reference to Iron deficiency anemia.
19. List out the functions and deficiency of cobalamin.

SECTION C — (4 × 10 = 40 marks)

Answer any FOUR questions.

20. Detail on the energy requirements of pregnant and lactating mothers.
21. Discuss about the types of diabetes mellitus and mention its symptoms.
22. Explain the role of diet in the management of atherosclerosis and hyperlipidemia.

23. Give a detailed account of Nutritional aspects of proteins.
 24. Discuss the functions and deficiency disorders of Thiamine and Riboflavin.
 25. Elaborate on the functions of Vitamin A and Vitamin D.
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