

APRIL 2017

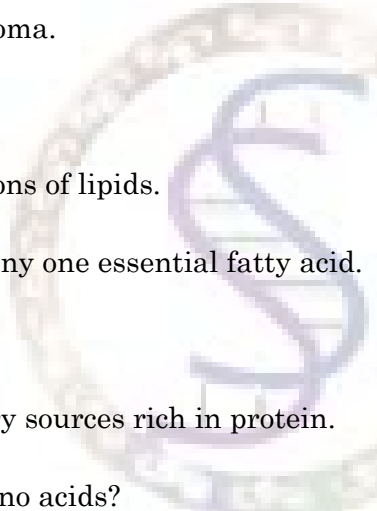
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Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 1 = 10 marks)

Answer any TEN questions.

1. Specify any two protective food nutrients.
  2. Mention the calorific value of carbohydrates.
  3. Write a short note on energy requirements for adult.
  4. Comment on diabetic coma.
  5. What is polyuria?
  6. List out any two functions of lipids.
  7. Draw the structure of any one essential fatty acid.
  8. What is ketosis?
  9. Mention any two dietary sources rich in protein.
  10. What are essential amino acids?
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11. Comment on RDA.
12. What is the significance of rickets?

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. What is balanced diet? Write its significance.
14. Give a detailed account on glycosuria.
15. Write a note on hyperlipidemia.
16. Enumerate the importance of protein in human nutrition.
17. Explain briefly on nitrogen balance.
18. Outline the functions of calcium.
19. Discuss shortly on anemia.

SECTION C — (4 × 10 = 40 marks)

Answer any FOUR questions.

20. Explain the energy requirements for pregnant women and lactating mother.
21. Elaborate in detail on types of diabetes mellitus.

22. Discuss the role of diet in management of diabetes mellitus.
  23. Enumerate the symptoms and management of atherosclerosis.
  24. Give a detailed account on protein malnutrition.
  25. Illustrate the sources, functions and deficiency disorders of Vitamin A.
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