

APRIL 2018

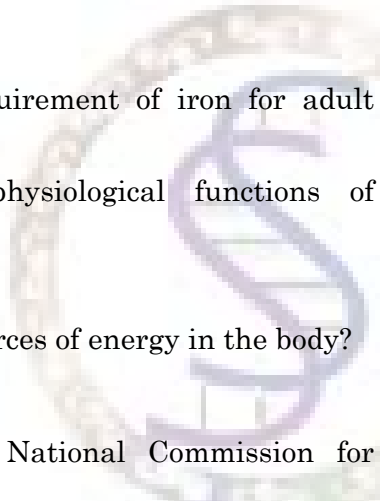
1709302/UBYM11C

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Write the calorific value of major food stuffs.
 2. What are functional foods?
 3. What are Non-Essential Fatty acids?
 4. Define complete Protein.
 5. Mention any three fat soluble vitamins and its deficiency.
 6. Note on balanced diet.
 7. Write the dietary requirement of iron for adult and lactating women.
 8. Mention any four physiological functions of calcium.
 9. Define NPU.
 10. What are the main sources of energy in the body?
 11. Note on human rights.
 12. Mention the role of National Commission for minorities.
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SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Write the significance and factors affecting the BMR.
14. Write the definition and factors affecting the RQ.
15. Write the Physiological value and nutritional significance of Proteins.
16. Discuss about Obesity, its clinical trials and management.
17. Discuss the high cost balance diet for adults and elders.
18. Elaborate the status of potassium and sodium imbalance.
19. Discuss about the social relations and economic relations.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. How will you classify the foods based on its usage and value?
21. Explain the protein malnutrition status on Kwashikor and Marasmus.

22. Explain the biological role and deficiency symptoms of Vitamin A.
 23. Discuss the sources, requirement, physiological role and deficiency of Calcium.
 24. Write about the commissions for SC/ST welfare.
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