

APRIL 2017

1708101/UBYM11A

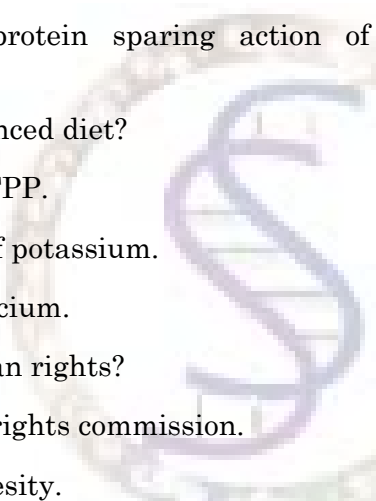
Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

Each question carries 2 marks.

1. What are energy yielding foods? Give example.
 2. Define functional foods.
 3. What is specific dynamic action?
 4. Write the functions of lipids.
 5. What is meant by protein sparing action of carbohydrates?
 6. What is known as Balanced diet?
 7. Write the functions of TPP.
 8. Explain the functions of potassium.
 9. Write the sources of calcium.
 10. What is meant by human rights?
 11. Write notes on human rights commission.
 12. Write the causes for obesity.
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SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

Each question carries 5 marks.

13. Explain the factors affecting BMR.
14. What are proteins? Explain the sources, RDA and biological functions of proteins.
15. Explain the various methods to evaluate the proteins.
16. Give an account on the role of Vitamin A in vision.
17. Explain briefly about the sources, RDA and functions of Pyridoxine.
18. Write notes on the biological functions of Iron.
19. Explain about the national commission for minorities.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

Each question carries 10 marks.

20. Explain the method to determine the energy value of food stuffs using bomb calorimeter.
21. Elaborately discuss on Kwasiorkar and Marasmus.

22. Give a detailed account on sources, RDA, functions and deficiency manifestation of vitamin D.
 23. Elucidate the sources, requirement and functions of Iodine.
 24. Give an account on the international convention civil and political rights.
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