

NOVEMBER 2017

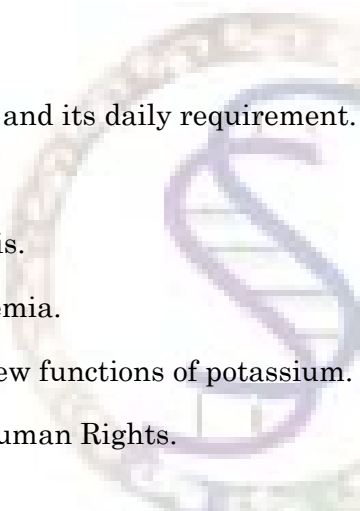
**1709102/UBYM11C**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define calorie.
  2. Define SDA.
  3. What is PER?
  4. What are essential amino acids?
  5. What is NPU?
  6. Deficiency of vitamin A and its daily requirement.
  7. Structure of FAD.
  8. Define Hypervitaminosis.
  9. Define the status of anemia.
  10. Write the sources and few functions of potassium.
  11. List the categories of Human Rights.
  12. What is ICCPR?
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## SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. What is RQ and how it is determined?
14. Explain the protein malnutrition status on Kwashikor and Marasmus.
15. Write about the classification of Vitamins.
16. Explain the sources and biological function of sodium and potassium.
17. Write about social relations and economic relations.
18. Discuss about the food adulteration.
19. Discuss about role of dietary fiber.

## SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain in detail about the determination and factors affecting the BMR.
21. Discuss about the obesity, its clinical trials and management.

22. Explain the biological role and deficiency symptoms of Vitamin C.
  23. Write about the sources and physiological functions of calcium.
  24. What are the scopes of human rights?
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