

Register No.:

237

April 2024

*Time – Three hours*  
*(Maximum Marks: 100)*

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.  
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART – A

1. What is over hydration?
2. Write about ADH.
3. Mention the hormones that affects blood glucose level.
4. What are disaccharides?
5. What are conjugated proteins?
6. List any three essential amino acids.
7. What is lipolysis?
8. Write notes on atherosclerosis.
9. Write the importance of selenium in carbohydrates metabolism.
10. List the biochemical functions of zinc.

[Turn over.....

PART – B

11. (a) Explain about Extracellular and Intracellular fluids.  
(Or)  
(b) Explain how RAAS maintains the fluid balance.
12. (a) Explain any two major carbohydrate metabolic pathways.  
(Or)  
(b) Explain the types of diabetes mellitus.
13. (a) Explain about the clinical features of Phenylketonuria and albinism.  
(Or)  
(b) Discuss about urea cycle with neat diagram.
14. (a) Explain about glycolipids and phospholipids.  
(Or)  
(b) What is Total cholesterol? How serum total cholesterol is estimated?
15. (a) Explain the biochemical functions of fat soluble vitamins.  
(Or)  
(b) Explain about any two diseases related to minerals.

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