



Date: 20-06-2022

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART - A

Answer ALL the Questions

(10×2=20 Marks)

1. What are Zymogens?
2. Write a note on Amphoteric nature of Protein Molecules
3. What are Ketone bodies?
4. Comment on Cellular respiration
5. Write a note on Insulin and Glucagon.
6. Comment on Atomic theory.
7. What are Cytochromes?
8. What are Free radicals?
9. Comment on Atherosclerosis.
10. What are Isotopes?

PART – B

Answer any FOUR Questions

(4×10=40 Marks)

11. Explain the role of pH in biological systems.
12. What are stabilising interactions-Explain.
13. What are Lipids? Explain their structure and function.
14. Describe the process of catabolism of Nucleic acids.
15. Describe about Fat soluble Vitamins and their importance.
16. Describe the process of Electron transport, and Oxidative Phosphorylation.

PART - C

Answer any TWO Question

(2×20=40 Marks)

17. Write an essay on the conformational of proteins and its importance.
18. Discuss the future of Biochemistry.
19. Describe and discuss the structure and functions of Carbohydrates.
20. Form an essay on Enzyme biochemistry.

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