Post RN 2026

MOST IMPORTANT BIOCHEMISTRY QUESTIONS FOR POST RN EXAMINATION 2026

Most Repeated Questions from past papers

1. Urea Cycle
2. Electron Transport Chain
3. ATP and Energy Production
4. Structure of RNA
5. Structure of Amino Acid
6. Enzymes and Biological Importance
7. Nucleotides and Their Importance
8. DNA vs RNA
9. Hormones and Their Types
10. Carbohydrates with Examples

Most Repeated Questions

1. Explain Urea Cycle with diagram.
2. Elaborate Electron Transport Chain (ETC) with diagram.
3. Define ATP and explain its role in catabolism and anabolism.
4. Explain the structure of RNA with labeled diagram.
5. Explain the structure of DNA with diagram.
6. Differentiate between DNA and RNA.
7. Explain the structure and classification of Amino Acids.
8. Define Enzymes and discuss their biological importance.
9. Discuss the biological importance of Nucleotides.
10. Explain Carbohydrates and their functions in the body.
11. Discuss Lipids and their biological significance.
12. Explain Protein metabolism.
13. Discuss Bioenergetics and energy production in cells.
14. Explain Steroid Hormones and their mechanism of action.
15. Discuss Acid-Base Balance and the importance of pH.
16. Define Hormone.
17. Define Enzyme.
18. Define Bioenergetics.
19. Define Metabolism.
20. Define pH.
21. What are Gastrointestinal Hormones?

22. Write the types of Hormones.
23. Define Catabolism.
24. Define Anabolism.
25. Define Amino Acid.
26. Define Protein.
27. Define Lipid.
28. Define Carbohydrate.
29. What is Glycolysis?
30. What is Gluconeogenesis?
31. Define Nucleotide.
32. Define Nucleic Acid.
33. What is Homeostasis?
34. What is Oxidative Phosphorylation?
35. What is Basal Metabolic Rate (BMR)?
36. Why are organic compounds important in human life?
37. Describe the role of enzymes in digestion.
38. Explain the metabolism of carbohydrates.
39. Discuss the functions of proteins in the human body.
40. Explain the importance of water and electrolytes.
41. Describe the mechanism of hormone action.
42. Explain the significance of vitamins in metabolism.
43. Discuss lipid digestion and absorption.
44. Explain cholesterol metabolism.
45. Discuss inherited metabolic disorders.
46. Explain acid-base disturbances.
47. Describe the role of liver in metabolism.
48. Explain nitrogen balance.
49. Discuss protein synthesis.
50. Explain the biochemical basis of diabetes mellitus.