

**Yashoda Shikshan Prasarak Mandal's
YASHODA TECHNICAL CAMPUS, SATARA
Faculty of Pharmacy (B Pharmacy)**

Class: F.Y.B.Pharm

Sem - II

Subject: Biochemistry

Question bank

1. Write a note on bioenergetics.
2. Explain amino acids and protein.
3. Explain electron transport chain and its mechanism?
4. Explain oxidative phosphorylation & its mechanism?
5. Explain Urea cycle with its significance.
6. Discuss about amino acid metabolism disorders.
7. Write a note on β -Oxidation of saturated fatty acid.
8. Explain disorders of lipid metabolism.
9. Write a note on biosynthesis of purine and pyrimidine nucleotide.
10. Write a note on urea cycle.
11. Discuss Hypercholesterolemia or Fatty liver disorders
12. What is biological oxidation? Explain Electron transport chain (ETC) and its mechanism.
- 13 Explain general reaction of amino acid mechanism. Discuss about Phenylketonuria.
14. What is Biomolecule? Explain functions of protein?
15. Write a note on Glycolysis?
16. Explain TCA cycle and its significance.
- 17 What is carbohydrate? Explain Classification and functions of carbohydrates.
Write a note on HMP shunt.
18. What is protein? Explain structure of protein and write a note on amino acids.