

## QUESTIONS TO PRACTICE:

1. What are non-canonical amino acids? Discuss its applications in protein engineering.
2. Discuss the Aminoacyl t-RNA synthetases structure.
3. Engineering of t RNA and Aminoacyl t-RNA synthetase for the site specific in corporation of unnatural amino acids into proteins in vivo.
4. Write a brief note on protein scaffolds and its choice for protein engineering
5. Brief on protein structure prediction methods
6. What is molecular modeling? What its applications in protein engineering
7. Discuss in brief about energy minimization
8. Give a detailed account on protein databases