

PROTEIN ENGINEERING

CONTINUOUS ASSESSMENT TEST 2

INSTRUCTION: ATTEMPT ANY 5 QUESTIONS (Each question is two marks)

1. Write the structure of a tripeptide in which glycine is one of the amino acid.
2. Define isoelectric point of a protein.
3. Differentiate primary from secondary structure of proteins.
4. What are the contributions of Fred Sanger in protein chemistry?
5. Write a note on structural features of the peptide bond
6. Comment on “Loop regions appear always at the surface of a protein”.
7. What are the functions of Cro protein and repressor proteins in gene expression?
8. Classify proteases based on their amino acids at their active site
9. List out the methods by which a protein can be engineered to enhance its properties.
10. Name any two proteins used for diagnostics and therapeutics.