

F.Y.BSc. Zoology (CBZ) Semester-I Paper-II**Note:****Total Marks -60
Duration – 2 Hrs.**

- All questions are compulsory.
- All questions carry equal marks.
- Draw diagram wherever necessary

Q1A) Define (Any 3)**(03)**

- 1) Polymers
- 2) Peptide bond
- 3) hydrophobic bonds
- 4) Myosin
- 5) Primary proteins
- 6) Isomerism

Q1B) Answer the following (Any 2)**(12)**

- 1) Give an Account of Monomers.
- 2) Give detail account of polar amino acids
- 3) Give significance of Carbon
- 4) Classify Carbohydrates

Q2A) Define (Any 3)**(03)**

- 1) Biotechnology
- 2) Gene Cloning
- 3) Enzyme
- 4) Fermentation
- 5) Electrophoresis
- 6) Centrifuge

Q2B) Answer the following (Any 3)**(12)**

- 1) Discuss the various scopes of Biotechnology.
- 2) Describe Bread making process
- 3) Describe the Autoclave
- 4) Write a note on Enzyme as Meat Tenderizer
- 5) Explain the technique of Paper Chromatography
- 6) What are Bio-detergents?