Q.1 Explain secondary structure of protein?
Q.2 Write note about RNA and its types?
Q.3 Write a note on DNA damage and repair?
Q.4 Explain Beta oxidation of fatty acid?
Q.5 Explain Following-a. Liposome b. Passive transport?
Q.1 What is centrifugation. Write its principal and techniques.
Q.2 Explain Thin layer chromatography and its application.
Q.3 Write about southern blotting?
Q.4 What is x-ray Crystallography and its instrumentation?
Q.5 What do you mean by RIA? Explain principle and application?
Q.1 Write note on nitrogen cycle?
Q.2 What is environmental pollution? Explain soil pollution.
Q.3 Explain waste water treatment technology?
Q.4 Write short note on any two-
   a. Ozone depletion
   b. Green house effect
   c. Acid rain
Q.5 Explain cryopreservation? Write about its different techniques?
M.Sc. Biotechnology
Semester II
Paper I-Enzyme Technology

Q.1 Describe enzyme classification and its nomenclature.
Q.2 Explain enzyme Inhibition with example?
Q.3 Write note on enzyme purification methods.
Q.4 Explain role of enzymes in medical diagnosis?
Q.5 Write short note on enzyme immobilization and its industrial application