

APRIL 1997

(MP 872)

B.Sc. (MEDICAL LABORATORY TECHNOLOGY)  
DEGREE EXAMINATION

First Year

Paper-II BASIC CHEMISTRY

Time: Three Hours Max:100 marks

Answer ALL Questions

1. Define co-enzymes. Discuss the classification of enzymes and their nature. What are the factors affecting enzyme reaction. (25)
2. a) Define (i) oil (ii) fat (2)  
b) What are fatty acids? (3)  
c) Describe the properties and biological importance of lipids. (10)  
d) Discuss the classification of lipids with suitable examples. (10)
3. Write short notes on: (5x10=50)
  - a) Aromatic compounds of physiological importance.
  - b) Biological importance of steroids.
  - c) Nucleotides and nucleosides.
  - d) Hydrogen ion concentration and  $pH$ .
  - e) Hydrolytic products of protein.

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