

APRIL 1999

[SG 872]

Sub. Code : 5002

**B.Sc. (Medical Laboratory Technology) DEGREE
EXAMINATION.**

First Year

Paper II — BASIC CHEMISTRY

Time : Three hours Maximum : 100 marks

Answer ALL questions.

1. What are enzymes? Discuss the nature and classification of enzymes. What are the factors affecting enzyme reactions? **2-5**
2. Discuss the classification, properties and biological functions of lipids. **2-5**
3. Write short notes on : **(5 × 10 = 50)**
 - (a) Aliphatic compounds of physiological importance with examples.
 - (b) Organelles and their biological functions.
 - (c) Biological importance of steroid.
 - (d) Nucleotides and nucleosides.
 - (e) Hydrogen ion concentration and pH.
