

FIRST SEMESTER EXAMINATION
Diploma in Medical Laboratory Technology
Paper Code: DMLT0104
Paper Name: Basic Biochemistry

Maximum Marks = 70

Maximum Time = 3 Hrs.

The question paper has seven questions. The candidate must attend only five of them. All the questions has equal marks

- Question 1. Define enzymes. Classify enzymes with examples. Name any four enzymes used for diagnostic purpose. 14 Marks
- Question 2. Explain the principle, types and applications of electrophoresis. 14 Marks
- Question 3. Describe any two methods for blood urea estimation with principle. 14 Marks
- Question 4. Write principle of paper chromatography. 14 Marks
- Question 5. Write short note on- 14 Marks
- i. Preparation of normal, molar, percent, solution.
 - ii. Cleaning and calibration of glassware.
- Question 6. Describe glucose tolerance test. Write a note on renal glycosuria. 14 Marks
- Question 7. Write short note on- 14 Marks
- i. Quality control in laboratory
 - ii. ELISA technique.