

[LQ 1019]

NOVEMBER 2020

Sub. Code: 1251

(MAY 2020 EXAM SESSION)

M.Sc. MEDICAL LABORATORY TECHNOLOGY

FIRST YEAR

**PAPER I – GENERAL BIOCHEMISTRY, MEDICAL LABORATORY
TECHNOLOGY**

Q. P. Code: 281251

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify enzymes. Write a note on the factors affecting enzyme activity.
2. Explain the homeostasis of calcium in our body. Add a note on its deficiency disorders.

II. Write notes on:

(10 x 6 = 60)

1. Centrifuges.
2. Structure of DNA.
3. FISH.
4. Vitamin A deficiency disorders.
5. Lipoproteins.
6. Blood collection techniques.
7. Structure of mitochondria and its functions.
8. Buffer solutions and their action.
9. Detection limit.
10. Functions of iron.
