

[LP 1019]

OCTOBER 2019

Sub. Code: 1251

**M.Sc. MEDICAL LABORATORY TECHNOLOGY EMAMS
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. Explain in detail about sources, RDA, functions and deficiency manifestations of Vitamin D.
2. Explain in detail about the process of Gluconeogenesis. Add a note on Malate Shuttle.

II. Write notes on:

(10 x 6 = 60)

1. Levy Jening chart and west Gard rules.
2. Phenylketonuria.
3. Cholesterol.
4. Structure of DNA.
5. Functions of iron.
6. Cardiac enzymes.
7. Action of Insulin.
8. Oxidative phosphorylation.
9. Personel protective Equipments.
10. Okasaki fragments.
