

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[AHS 0321]

MARCH 2021

Sub. Code: 1261

(OCTOBER 2020 EXAM SESSION)

M.Sc. MEDICAL LABORATORY TECHNOLOGY

SECOND YEAR (2011-2012 Regulation - From 2013-2014 onwards)

**PAPER I – CLINICAL BIOCHEMISTRY, ENDOCRINOLOGY AND NUTRITIONAL
BIOCHEMISTRY**

Q.P. Code : 281261

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Enumerate the Liver Function Tests. Detail the Methodology for estimation of total Protein.
2. Describe the Mechanism of Hormones in Blood Glucose regulation during Starvation and Fed state.

II. Write notes on:

(10 x 6 = 60)

1. Hyperuricaemia.
2. Mutagens.
3. Lipid Profile.
4. Galactosemia.
5. Wilsons Disease.
6. Functions of Vitamin C
7. Phenylketonuria.
8. 24 hrs Urine Collection Technique.
9. Hypokalemia.
10. Pancreatic Function.
