

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

[AHS 0522]

MAY 2022

Sub. Code: 1261

M.Sc. MEDICAL LABORATORY TECHNOLOGY
SECOND YEAR (Regulation 2011-2012 & 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. Discuss in detail about the diagnostic criteria, etiology and complications of type 2 diabetes mellitus.
2. Discuss in detail about various mechanism of action of hormones.

II. Write notes on:

(10 x 6 = 60)

1. Cardiac Troponins.
2. Glycated Hemoglobin.
3. Hormones of anterior pituitary gland.
4. Chemiluminescence.
5. Multiple myeloma.
6. Proteinuria.
7. Arterial blood gas analysis.
8. High sensitive C reactive protein.
9. Biochemical functions of Calcium.
10. Hepatic enzymes.
