

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

[LP 803]

OCTOBER 2019

Sub. Code: 3803

PHARM. D DEGREE EXAMINATION
(2009-2010 Regulation)
FIRST YEAR
PAPER III – MEDICINAL BIO-CHEMISTRY

Q.P. Code : 383803

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Explain the various transport process across Cell membranes.
2. Gluconeogenesis.
3. Co-enzymes involved in biological oxidation.
4. Determination of HDL and LDL in serum.

II. Write notes on:

(6 x 5 = 30)

1. Hormonal regulation of lipid metabolism.
2. Significance of uncoupling.
3. Write a note on Deamination.
4. Galactose tolerance test with its significance.
5. Protein turn over.
6. Write a brief note on Water and Electrolyte balance and imbalance.
