

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

[PHARMD 0321]

MARCH 2021

Sub. Code: 3803

(OCTOBER 2020 EXAM SESSION)

PHARM. 'D' DEGREE EXAMINATION

FIRST YEAR (2009-2010 Regulation)

PAPER III – MEDICINAL BIO-CHEMISTRY

Q.P. Code : 383803

Time : Three hours

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Describe in detail about Radio Immuno Assay and ELISA.
2. Explain in detail and significance of Glycolysis.
3. Explain about fatty acid biosynthesis.
4. Describe in detail about the urea cycle and its disorder.

II. Write notes on:

(6 x 5 = 30)

1. What is Dehydration? Write the different types of Dehydration.
2. Oxidative Phosphorylation.
3. Creatinine clearance test.
4. Enumerate the factors affecting enzyme activity.
5. Explain the various functions of liver.
6. DNA repair mechanism.
