

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

[PHARMD 1023]

OCTOBER 2023

Sub. Code: 3803

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

Q.P. Code: 383803

Time : Three hours

Answer ALL Questions

Maximum : 70 Marks

I. Elaborate on:

(4 x 10 = 40)

1. Write a detailed note on Glycogen storage diseases.
2. Describe Phenylketonuria and Alkaptonuria.
3. Write a detailed note on uncouplers.
4. Explain about purphoria.

II. Write notes on:

(6 x 5 = 30)

1. Classify the energy rich compounds.
2. Write a note on Hyper Cholesterolemia.
3. Hormonal regulation of Carbohydrate metabolism.
4. Nitrogen Balance.
5. Structure of Purine and Pyrimidine bases present in Nucleotides.
6. What is Lipid Profile? Give its significance and the write a note on Lipid Profile Tests.
