

[LG 803]

APRIL 2015

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 in detail and significance of Glycolysis.
2. Describe about the degradation and biosynthesis of Cholesterol.
3. Explain in detail about the components and reactions of ETC.
4. Describe in detail about the urea cycle and its disorder.

II. Write notes on :

(6 x 5 = 30)

1. What are Enzyme inhibitors? Classify them with suitable example.
2. Uncouplers
3. Endocrine disorders of Thyroid gland and adrenal glands.
4. Urea Clearance Test
5. What is Mutation? Write the different types of Mutation.
6. What is blood buffer? Write the different types of blood buffer system.
