

[LG 803]

APRIL 2015

Sub. Code: 3803

DOCTOR OF PHARMACY (PHARM. D) DEGREE EXAMINATION**(2009-2010 Regulation)****FIRST YEAR****PAPER III – MEDICINAL BIOCHEMISTRY*****Q.P. Code: 383803*****Time: Three Hours****Maximum: 70 marks****Answer All questions****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 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.
