

[LO 803]

MAY 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. Define and classify enzymes. Explain the factors affecting enzyme activity.
2. Describe in detail HMP Shunt.
3. Explain estimation of sodium and potassium.
4. Beta oxidation of fatty acids.

II. Write notes on:

(6 x 5 = 30)

1. Abnormal Constituents of Urine.
2. Jaundice.
3. Any one immunochemical test.
4. GTT.
5. Genetic code.
6. Metabolic disorder of amino acids.
