

[LK 803]

MAY 2017

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 the semi-conservative replication of a double stranded DNA molecule.
2. Describe the various Renal function test and explain any two Renal function test.
3. Write in brief about the reactions and significance of Gluconeogenesis.
4. Write a note on NPN constituents and urinary tract calculi.

II. Write notes on:

(6 x 5 = 30)

1. Determination of HDL Cholesterol in serum.
2. β – oxidation of fatty acids.
3. Degradation of Purine.
4. Reversible enzyme inhibition.
5. Biological significance of cyclic – Adenosine Monophosphate (c-AMP).
6. Jaundice.
