

[LN 803]

AUGUST 2018

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. Write briefly about TCA cycle and its significance.
2. Explain the steps involved in Electron transport chain and its mechanism.
3. Write in detail about the metabolism of Pyrimidine nucleotides.
4. Define and classify Enzymes.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Atherosclerosis.
2. Give the reactions of Urea cycle.
3. Enzyme linked Immunosorbent assay.
4. Write the conversion of Cholesterol into bile acids.
5. Write note on Active transport with examples.
6. Give a short note about Diabetes mellitus.

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