

[LI 817]

APRIL 2016

Sub. Code: 3817

**PHARM. D DEGREE EXAMINATION  
(2009-2010 Regulation)  
THIRD YEAR  
PAPER V – MEDICINAL CHEMISTRY**

*Q.P. Code: 383817*

**Time : Three hours**

**Maximum : 70 Marks**

**I. Elaborate on :**

**(4 x 10 = 40)**

1. Briefly discuss about the techniques involved in Combinatorial Chemistry.
2. Give short note on Antisense Molecule.
3. Write the structure of various Tetracyclines, mechanism and SAR of Tetracyclines.
4. Enumerate about any two Endocrines.

**II. Write notes on :**

**(6 x 5 = 30)**

1. Give note on Steroidal hormone.
2. Short note on Hypoglycemic agent.
3. Write the synthesis and mechanism of any two Purine analogues used as an anti-neoplastic agent.
4. Write the synthesis and mechanism of any two anti-fungal agents.
5. Write down the Synthesis, Mechanism and SAR of Chloroquine, anti-malarial agent.
6. Write note on Calcium channel blockers.

\*\*\*\*\*