

[LK 817]

MAY 2017

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. Write a brief account on hydrophobic parameters and spatial descriptors involved in a QSAR.
2. Classify Antifungal agents with suitable examples. Discuss the chemistry, structure and mechanism of any two antifungal antibiotics.
3. Define and classify anti-tubercular agents. Give the synthesis of any two drugs with mechanism of action from antitubercular agents.
4. Discuss the SAR of thiazide diuretics.

II. Write notes on:**(6 x 5 = 30)**

1. Discuss briefly about Anticoagulants drugs with suitable examples.
2. Write a note on HIV Protease inhibitors.
3. Write a short note on anti anginal agents.
4. Write a short note on steroidal sex hormones.
5. Enumerate about Macrolide antibiotics.
6. Write a note on sulpha drugs used burn therapy.
