

(LF 4271)

AUGUST 2014

Sub. Code: 4271

**FOURTH YEAR B.PHARM. EXAM
PAPER V – MEDICINAL CHEMISTRY - II**

Q.P. Code : 564271

Time: Three Hours

Maximum: 100 marks

I. Essay:

(2X20=40)

1. Antineoplastic agents.
2. Discuss the chemistry of Antimalarial agents

II. Short notes:

(8X5=40)

1. Synthetic Hypoglycemic agents
2. Write the synthesis and uses of Phenytoin and Metronidazole
3. Combinatorial Chemistry
4. Discuss the chemistry of Anticoagulants
5. SAR of Sulphonamides
6. Anthelmintics
7. Mineralocorticoids
8. Write the structure, IUPAC name and uses of Norfloxacin and Pyrazinamide

III. Short Answers:

(10X2=20)

1. Deconvolution
2. Congo red
3. Define the term arrhythmias
4. Synthesis of Niacin
5. Anticoagulants
6. Eugenol
7. Crystalluria and pKa
8. Zidovudine
9. Ofloxacin
10. CADD
