

QP CODE: 305326

Reg. No:

Third Year Pharm D Degree Examinations June 2017

Medicinal Chemistry

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Discuss on computer aided drug design and modeling with an emphasis on its various applications.
2. Discuss briefly SAR, chemistry and mechanism action of tetracyclines.
3. Mention urinary tract anti-infectives and enumerate the synthesis of any one.

Short notes

(8x5=40)

4. Antimetabolites used in anticancer therapy.
5. Give the structure and uses of acetazolamide and pyrimethamine
6. Discuss the life cycle of malarial parasite.
7. QSAR Parameters
8. Amino glycoside antibiotics.
9. Calcium channel blockers.
10. Insulin and its preparations.
11. Synthesis of mebendazole and diethylcarbamazine citrate.
