

QP CODE: 305326

Reg. No:

Third Year Pharm D Degree Supplementary Examinations April 2022
Medicinal Chemistry

Time: 3 Hours

Total Marks: 70

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw Diagrams wherever necessary.*

Essays

(3x10=30)

1. Classify the anthelmintics drugs. Outline the synthesis and uses of any two drugs.
2. Classify the anti-fungal agents. Discuss the synthesis and uses of any two drugs.
3. Classify local anti-infective agents with suitable examples. Outline the synthesis of any two drugs.

Short notes

(8x5=40)

4. Synthesis and mechanism of action of chloroquine
5. Discuss the SAR of ACE inhibitors.
6. Write short note Anti- protozoal agents.
7. Classify and anti- HIV drugs. Explain briefly HIV protease inhibitors.
8. Note on loop diuretics.
9. Explain on lipoprotein metabolism and various sites of antihyperlipidemic drugs.
10. What are beta lactum Antibiotics, give examples and uses.
11. Give the structure, synthesis and uses of methotrexate.
