

QP CODE: 305326

Reg. No:

**Third Year Pharm D Degree Supplementary Examinations
January 2024**

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 Anti-Malarial agents. Write the structure, synthesis and uses of any two drugs.
2. What are the Anti-Neoplastic agents. Write the structure, synthesis and uses of any two drugs.
3. Classify Anti-Fungal agents. Write the structure, synthesis and uses of any two drugs.

Short notes

(8x5=40)

4. Write the structure, synthesis and uses of diethyl carbamazine citrate.
5. Write the structure, synthesis and uses of acyclovir
6. Write about the application of prodrugs.
7. Write about beta lactam antibiotics
8. Write the structure, synthesis and uses of Chloramphenicol.
9. Write about hypoglycemic agents.
10. Write about the SAR of quinolones.
11. Write the structure, synthesis and uses of sulfacetamide.
