

QP Code: 622006

Reg. No.....

Sixth Semester B. Pharm Degree Supplementary Examinations
March 2026
Pharmacology III
(2017 Scheme)

Time: 3 Hours

Max. Marks: 75

- *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

(2x10=20)

1. Explain the general principles of chemotherapy and add a note on microbial resistance.
2. Classify anti-tubercular agents. Explain the pharmacology of first line anti-tubercular drugs.

Short Notes

(7x5=35)

3. Explain the pharmacology of proton pump inhibitors.
4. Explain the drugs used in management of COPD.
5. Classify cephalosporins. Explain the mechanism of action of cephalosporins.
6. Classify anticancer drugs. Explain the mechanism of action of vinca alkaloids.
7. Classify beta lactam antibiotics. Explain the pharmacology of carbapenem.
8. Explain the concept of gene therapy along with its applications.
9. Explain the pharmacology of drugs used for urinary tract infections.

Answer Briefly

(10x2=20)

10. Write a short note on monoclonal antibodies.
11. Classify penicillins. Write the adverse effects of penicillin G.
12. Write the drugs used in psoriasis.
13. List out the systemic anti-amoebic drugs.
14. Write the adverse effects of chloramphenicol.
15. Write the mechanism of action of antidiarrheal drugs.
16. Write the uses of expectorants and antitussives.
17. Write the drugs used in the treatment of sexually transmitted diseases.
18. Classify antimalarial drugs.
19. Outline the importance of stem cell therapy.
