

QP Code: 622006

Reg. No.....

**Sixth Semester B. Pharm Degree Regular/Supplementary
Examinations November 2025
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. Classify anti-asthmatic drugs. Explain the pharmacology of bronchodilators in detail.
2. Classify anti-viral drugs. Write a note on treatment of HIV.

Short Notes

(7x5=35)

3. Explain the pharmacology of proton pump inhibitors.
4. Classify anti-emetic drugs. Write the mechanism of action of ondansetron.
5. Explain the mechanism of action, adverse effects and uses of fluoroquinolones.
6. Classify anti-tubercular agents. Write a note on multidrug resistance tuberculosis.
7. Write the mechanism of action, uses of cotrimoxazole.
8. Classify antimetabolites. Explain the pharmacology of methotrexate.
9. Describe briefly on monoclonal antibodies with examples.

Answer Briefly

(10x2=20)

10. Write the mechanism of mast cell stabilizers.
11. What are beta lactam antibiotics. Mention any two beta lactam antibiotics.
12. Write the adverse effects of anticancer drugs.
13. Classify antifungal antibiotics.
14. Write any two applications of gene therapy.
15. Write the drugs used for constipation.
16. Write the mechanism of action of macrolide antibiotics.
17. Outline the advantages of respiratory stimulants.
18. Write two uses of appetite stimulants and suppressants.
19. Outline the importance of biosimilars.
