

QP Code: 622006

Reg. No.....

**Sixth Semester B. Pharm Degree Supplementary Examinations  
June 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-ulcer drugs with examples. Describe the mechanism of action, adverse effects and therapeutic uses of proton pump inhibitors.
2. List out the drugs used in the treatment of HIV-AIDS. Explain the mechanism of action, adverse effects and therapeutic uses of zidovudine.

**Short Notes**

**(7x5=35)**

3. Describe expectorants and antitussives with examples.
4. Describe the general principles of chemotherapy of microbial diseases.
5. What is urinary tract infection. Write about the therapy involved to treat UTI.
6. Describe the treatment of leprosy.
7. Write the mechanism of action and adverse effects of Penicillins.
8. Write a note on monoclonal antibodies with examples.
9. Describe briefly on stem cell therapy with suitable examples.

**Answer Briefly**

**(10x2=20)**

10. Classify macrolide antibiotics.
11. List the therapeutic uses of anti-emetics.
12. Write the mechanism of action of albendazole.
13. Write any four applications of gene therapy.
14. Classify laxatives with examples.
15. Treatment of psoriasis.
16. Classify antiamoebic drugs with examples.
17. Write the mechanism of action of Clotrimazole.
18. What are the general adverse effects of anticancer drugs.
19. Write down the mechanism of action and adverse effects of Isoniazid.

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