

QP Code: 622006

Reg. No.....

**Sixth Semester B. Pharm Degree Regular/Supplementary  
Examinations February 2024  
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 antiulcer agents. Explain the pharmacology H<sub>2</sub> receptor blockers in detail.
2. Classify antifungal drugs. Explain the pharmacology of cell wall inhibitors.

**Short Notes**

**(7x5=35)**

3. Explain the pharmacology of fluoroquinolones.
4. Explain about gene transfer techniques.
5. Classify immunosuppressant drugs. Explain the mechanism of action, side effects of cyclosporine.
6. Classify anti-asthmatic drugs. Explain the pharmacology of theophylline.
7. Define emetics. Write the mechanism of action, uses of emetics.
8. Explain the pharmacology of anthelmintic drugs.
9. Explain the mechanism of action, adverse effects of penicillin.

**Answer Briefly**

**(10x2=20)**

10. Classify nasal decongestants.
11. Classify bronchodilators with examples.
12. Define anti-emetics. Write the uses of anti-emetic drugs.
13. Define carminatives and digestants with examples.
14. Write the adverse effects of aminoglycoside antibiotics.
15. Explain the mechanism of action of tetracycline antibiotic.
16. Write the advantages of first line anti-tubercular agents.
17. Write the drugs used in urinary tract infection.
18. Outline the concepts of gene therapy.
19. What are biosimilars.

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