

QP Code: 622006

Reg. No.....

**Sixth Semester B. Pharm Degree Supplementary Examinations
December 2022
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 drugs and write the pharmacology of anti-secretory agents
2. Classify Antiviral drugs with suitable examples and explain the pharmacology of Acyclovir

Short Notes

(7x5=35)

3. Explain the mechanism of action and Adverse Drug Reaction of Erythromycin
4. Classify antifungal agents with suitable examples and explain the mechanism of Amphotericin-B
5. Explain the rationale behind the use of beta lactamase inhibitors
6. Write the mechanism of cough and classify antitussives
7. List the bronchodilators and explain their mechanism of action
8. Enumerate systemic amoebicides and write the mechanism of action of metronidazole derivative
9. List the different classes of Sulphonamides. Enumerate the mechanism of action of Co-trimoxazole

Answer Briefly

(10x2=20)

10. Write the applications of Biosimilars
11. List two clinically important Immunostimulants and their uses
12. List the drugs used in urinary tract infections
13. Explain the mechanism and uses of Albendazole
14. Explain the mechanism and adverse effect of aminoglycosides
15. Name any four drugs used in the treatment of psoriasis.
16. Classify topoisomerase inhibitors with suitable examples
17. Define Nasal decongestants and explain their mechanism with suitable examples
18. Explain the mechanism of vincristine
19. Outline the applications of stem cell therapy
