

**VINAYAKA MISSION'S RESEARCH FOUNDATION, SALEM.  
(Deemed to be University)**

**MBBS DEGREE EXAMINATION – February 2020  
SECOND YEAR**

**PHARMACOLOGY – PAPER I**

**Time : Three hours**

**Maximum : 50 marks**

**Answer ALL questions  
Draw diagrams wherever necessary**

**SECTION – A**

**I. Write essay on : (1 x 8 = 8)**

1. Classify fluoroquinolones. Write in detail about the mechanism of action, adverse effects and therapeutic uses of ofloxacin.

**II. Write short notes on : (4 x 3 = 12)**

2. Drug antagonism
3. Pre anaesthetic medication
4. Three examples of fixed dose combinations used as anti-infective agents and their advantages.
5. Enumerate prokinetic drugs and their uses.

**III. Answer briefly : (5 x 1 = 5)**

6. Mention four drugs used in diarrhoea.
7. Uses of Tradmadol
8. Two therapeutic uses of alcohol
9. Plasma half-life and its significance.
10. Mention two antiemetic agents and its uses.

**SECTION – B**

**I. Write essay on : (1 x 8 = 8)**

11. Classify antitubercular drugs. Write mechanism of action, uses and adverse effects of Isoniazid (INA)

**II. Write short notes on : (4 x 3 = 12)**

12. Therapeutic uses and adverse effects of metronidazole.
13. Beta lactamase inhibitors
14. Uses and adverse effects of colchicine.
15. Halothane.

**III. Answer briefly : (5 x 1 = 5)**

16. Mention four antiviral agents.
17. Tachyphylaxis
18. Name two emollient laxatives
- 19 Define bio equivalence
20. Two methods of prolongation of drugs.