

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

**MBBS DEGREE EXAMINATION – October 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. Enumerate various routes of drug administration. Mention the advantages and disadvantages of each route.

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

2. Proton pump inhibitors
3. Tramadol
4. 3rd generation cephalosporins and their uses
5. Teratogenicity.

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

6. What is pharmacogenomics?
7. Four uses of metronidazole.
8. Name four drugs used to treat Parkinsonism.
9. Name two drugs used to treat constipation.
10. Name four antifungals.

SECTION – B

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

11. Classify antimalarial drugs. Write the treatment regimens for chloroquine sensitive and chloroquine resistant malaria.

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

12. Classify anti depressants and write their uses
13. Pharmacovigilance
14. Mention 3 classes of antiemetics and write their uses and adverse effects.
15. Treatment of Urinary Tract Infection.

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

16. Mention the 1st line antitubercular drugs.
17. Name four antiepileptics.
18. What is first pass metabolism and its significance.
19. Name four drugs used to treat Insomnia.
20. Components of ORS.