

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

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

PHARMACOLOGY – PAPER II

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 antianginal drugs. Write mechanism of action, uses and adverse effects of Organic Nitrates.

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

2. Propranolol
3. Mucolytics
4. Loop diuretics
5. Vitamin D

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

6. Mention two therapeutic gases and their uses.
7. Mention four injectable iron preparations.
8. Write two uses of Bromocriptine.
9. Mention four uses of Adrenaline
10. Name four Immunosuppressants.

SECTION – B

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

11. Classify Oral Antidiabetic Drugs. Describe the mechanism of action, uses and adverse effects of Metformin.

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

12. Heparin
13. Glucocorticoids – Uses and Adverse effects.
14. Therapeutic uses of anticholinergic drugs.
15. Mifepristone

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

16. Mention four calcium channel blockers and their uses.
17. Write two uses and adverse effects of Hydrochlorothiazide.
18. Mention four Antiplatelet drugs.
19. Write antidotes for the following toxicities
a) Digoxin b) Atropine c) Copper d) Warfarin.
20. Mention two uses and adverse effects of Prazosin.