

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

MBBS DEGREE EXAMINATION – February 2020
SECOND YEAR

PHARMACOLOGY – PAPER I

Time : Three hours

Maximum : 80 marks

Answer ALL questions
Draw diagrams wherever necessary

SECTION – A

I. Write essay on : (1 x 10 = 10)

1. Define bioavailability. Enumerate factors affecting bioavailability.

II. Write short notes on : (4 x 5 = 20)

2. Proton pump inhibitor.
3. Plasma protein binding.
4. Non- benzodiazepine hypnotics.
5. Treatment of status epileptics.

III. Answer briefly : (5 x 2 = 10)

6. Rationale of combining carbidopa with levodopa.
7. Mention four purgatives.
8. Mention four atypical antidepressants.
9. Name four drugs used in alzheimer's disease.
10. Name specific antidote for following toxicities a) Morphine b) Methyl alcohol.

SECTION – B

I. Write essay on : (1 x 10 = 10)

11. Enumerate antiviral drugs. Write mechanism of action uses and adverse effects of amphotericin- B

II. Write short notes on : (4 x 5 = 20)

12. Chloroquine.
13. Clarithromycin.
14. Pharmacovigilance.
15. Oral rehydration solution (ORS)

III. Answer briefly : (5 x 2 = 10)

16. Mention two uses and adverse effects of Gabapentin.
17. Prodrug.
18. Name four prokinetic drugs.
19. Mention four uses of metronidazole.
20. Two therapeutic uses and adverse effects of ivermectin.
