

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

MBBS DEGREE EXAMINATION – August 2019
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. Classify antiepileptic drugs. Write mechanism of action, uses and adverse effects of phenytoin.

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

2. Novel drug delivery system.
3. Ketamine
4. Phase I reactions of Biotransformation
5. Antacids.

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

6. Mention four atypical antipsychotics.
7. Four therapeutic uses of diazepam
8. Redistribution.
9. Name four antiemetic drugs.
10. Mention specific antidote for following toxicities
a) Paracetamol b) Benzodiazepines c) Methotrexate d) Cyclophosphamide.

SECTION – B

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

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

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

12. Third generation injectable cephalosporins.
13. Pharmacotherapy of H.pylori infection
14. Acyclovir
15. Artemisinin combination therapy.

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

16. Mention four topical antifungal drugs.
17. Tachyphylaxis
18. Plasma half-life
19. Mention four drugs used in Parkinsonism.
20. Mention four opioid analgesics with their use.