

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

MBBS DEGREE EXAMINATION – August 2019
SECOND YEAR

PHARMACOLOGY – PAPER II

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 beta-adrenergic blocking agents. Write mechanism of action, uses and adverse effects of propranolol.

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

2. Organophosphorus poisoning
3. Radioactive iodine
4. Sumatriptan
5. Vitamin D

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

6. Mention four groups of drugs used for glaucoma.
7. Name four Anabolic steroids.
8. Mention four local anaesthetic techniques with their use.
9. Two therapeutic uses and adverse effects of furosemide.
10. Name four non sedative H₁ antihistaminic drugs.

SECTION – B

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

11. Classify oral antidiabetic drugs. Write mechanism of action, uses and adverse effects of metformin.

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

12. Glycerol trinitrate (GTN)
13. D-penicillamine
14. Bronchodilators
15. Low molecular weight heparins (LMWH_s)

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

16. Mention four 5-HT analogues with their use.
17. Name antidotes for following toxicities
a) Heparin b) Iron c) Digoxin d) Atropine.
18. Mention four hypolipidemic drugs.
19. Four therapeutic uses of folic acid.
20. Name four oral contraceptive pill (OCP_s) preparations.