

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

**MBBS DEGREE EXAMINATION – August 2019
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 anticholinergics. Describe one use of each semisynthetic derivative of atropine based on its mechanism of action.

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

2. Organic Nitrates – Mechanism of action and uses.
3. Combined oral contraceptive pills.
4. Potassium sparing diuretics.
5. Management of status asthmaticus.

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

6. Two drugs used in scabies.
7. Vitamin B₁₂ and folic acid are given together in megaloblastic anaemia. Explain.
8. Advantages of Human insulin.
9. Lugol's Iodine. Mechanism of action and uses
10. d-penicillamine – Mechanism of action and uses.

SECTION – B

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

11. Classify anti thyroid drugs. Describe the mechanism of action, uses and adverse effects of radio active I¹³¹.

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

12. Management of hypertensive emergencies.
13. Anti-oestrogens.
14. Adverse effects of long term administration of glucocorticoids.
15. Enumerate prostaglandin analogues and their uses.

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

16. Two indication of parenteral iron.
17. Both alpha and beta blockers are given in Phaeochromocytoma. Explain.
18. Propranolol is used in hyperthyroidism. Explain.
19. Two drugs used in prophylaxis of migraine.
20. Thiazides and not furosemide is preferred in mild hypertension.