

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

**B.PHARM. DEGREE EXAMINATION – July 2021
Fifth Semester**

PHARMACOLOGY - II

Time : Three hours

Maximum: 75 marks

I. Write essays on any **TWO** questions: (2 x 10 = 20)

1. Classify H1 receptor antagonist. Explain the pharmacological actions and adverse effects of second generation Anti-histamines.
2. Define Diabetes Mellitus. Classify oral hypoglycaemic agents, mechanism of action, adverse effects and uses of Metformin.
3. Describe the mechanism of action, pharmacological actions and therapeutic uses of Thyroid Hormone Inhibitors.

II. Write short answers on any **SEVEN** questions: (7 x 5 = 35)

4. Disease modifying anti-rheumatic drugs.
5. Selective Cox-2 inhibitors.
6. Drug therapy of Migraine.
7. Fibrinolytic agents.
8. Explain hypolipidemic agents.
9. Bioassay of Histamine.
10. Pharmacology of Glyceryltrinitrate.
11. Mechanism of action and uses of class - III antiarrhythmic drugs.

III. Write short notes on : (10 x 2 = 20)

12. Selective estrogen receptor modulators.
13. Drugs for erectile dysfunction.
14. Mention any two uses of corticosteroids.
15. Insulin analogues.
16. Probenecid.
17. Angiotensin receptor blockers.
18. Methods of Bioassay.
19. Name any two anabolic steroids.
20. Role of Vitamin D.
21. Carbonic anhydrase inhibitors.
