

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

**B.PHARM. DEGREE EXAMINATION – JANUARY 2020
Fifth Semester**

PHARMACOLOGY II

Time : Three hours

Maximum: 75 marks

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

1. Classify anti- hypertensive drugs. Explain the pharmacological actions and adverse effects of propranolol.
2. Discuss about the oral anticoagulants, write the mechanism of action, adverse effects and uses of warfarin.
3. Describe the pharmacological actions and therapeutic uses of prostaglandins.

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

4. Mechanism of action and uses of Digoxin.
5. Plasma volume expanders.
6. High ceiling diuretics.
7. Substance P
8. Pharmacological actions and uses of Aspirin.
9. Bioassay of insulin.
10. Thyroid hormone inhibitors.
11. Bromocriptine.
12. Drugs acting on uterus.

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

13. Mention any two anti- arrhythmic drugs.
14. 5HT₃ antagonist.
15. Uses of calcitonin.
16. Applications of bioassay.
17. Octreotide.
18. Combined pills.
19. Name any two anti- gout drugs.
20. Insulin therapy in diabetic ketoacidosis.
21. Uses of vitamin B12.
22. Contraindications to use of corticosteroids.