

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

Pharm.D DEGREE EXAMINATION August 2018
Second Year

PHARMACOLOGY- I

Time: Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x15 = 30)

1. Define absorption. Write the various mechanism of drug absorptions
2. Classification of Anti- cholinergic agents. Write the pharmacological actions and adverse effects of atropine
3. Classify anti- hypertensive agents. Discuss the pharmacological actions, adverse effects and uses of ACE inhibitors

II. Write short answers on any **SIX** questions: (6 x 5 = 30)

4. Mechanism, side effects and uses of phenytoin
5. Stages of anesthesia
6. Write a note on Nasal Decongestants
7. Discuss about oral contraceptives
8. Classification of NSAIDs
9. Factors affecting drug distribution
10. Mechanism of action and side effects of digoxin
11. Biosynthesis of thyroid hormones

III. Write short notes on any **FIVE** question: (5 x 2 = 10)

12. Demerits of oral administrations
13. Classification of receptors
14. Examples for mydriatics
15. Difference between sedative and hypnotics
16. Give two examples for mucolytics
17. What is Triple response?
