

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

**B.PHARM. DEGREE EXAMINATION – August 2018**  
**Third Year**

**PHARMACOLOGY - I**

Time : Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x 15 = 30)

1. Define sedatives and hypnotics and classify them. Discuss the pharmacology, MOA, ADR and uses of diazepam.
2. Classify antihypertensive drugs? Explain the MOA, pharmacological action and therapeutic uses of  $\beta$ -blockers.
3. Classify anti-asthmatic drugs. Explain the MOA, pharmacological action and therapeutic uses of mast cell-stabilizers.

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

4. Source of drugs.
5. Phases of metabolism.
6. Steps involved in neurohumoral transmission.
7. Mechanism of local anesthetic agents.
8. Anti gout drugs.
9. Classify antiarrhythmic drugs.
10. High ceiling diuretics.
11. Organophosphorus poisoning.

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

12. Volume of distribution.
13. Name two drugs used for myasthenia gravis.
14. Give two examples of Narcotic analgesics.
15. Uses of digitalis.
16. Give two examples of respiratory stimulents.
17. Define chronic toxicity study.