

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

Pharm.D DEGREE EXAMINATION - September 2021
Second Year

PHARMACOLOGY - I

Time: Three hours

Maximum: 70 marks

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

1. i) Classify anti - arrhythmic drugs with examples for each group .
ii) Explain the mechanism of action, pharmacological action, therapeutic uses and adverse effects of Quinidine.
2. Classify parasympathomimetics. Discuss the pharmacological and mechanism of action and therapeutic uses of any one Cholinergic Drug.
3. i) Define hypertension and give the types.
ii) Define and classify antihypertensive drugs with examples.
iii) Explain in detail about Potassium channel activators and ACE inhibitors.

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

4. Drugs used in the treatment of Grand mal epilepsy.
5. Principles of treatment of digitalis poisoning.
6. Write in brief about acute and chronic alcoholism and give its mode of treatment.
7. Explain about the nitrites and nitrates used as an antianginal drug.
8. Define Parkinsonism and classify the drugs used for it. Comment a note on Levodopa and Carbidopa combination.
9. Explain the pharmacology of Opioid analgesics.
10. Classify benzodiazepines. Write the mechanism of action and uses.
11. Write a note on parenteral route of Drug Administration.

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

12. What is montelukast?
13. What are the side effects of dextromethorphan?
14. State the therapeutic uses of sodium nitrites.
15. What is Preanesthetic medication?
16. Hypovolemic or Oligemic shock.
17. State therapeutic uses of Chlorpromazine.