

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

**DIPLOMA IN PHARMACY EXAMINATION – April 2019**  
Second Year

**PHARMACOLOGY AND TOXICOLOGY**

Time: Three hours

Maximum: 80 marks

Answer **Any EIGHT** questions only

All questions carry equal marks

Draw Neat, Labelled Diagram wherever necessary.

1. Explain in detail the various factors affecting the drug action with suitable examples.
2. Classify anti-cholinergic drugs and write the pharmacological actions of atropine.
3. Define and classify general anaesthetics. Write a note on pre anaesthetic medication.
4. Classify anti convulsant drugs. Write the mechanism of action, adverse effect and uses of any one drug.
5. Classify non-steroidal anti-inflammatory drugs. Write the mechanism of action, adverse drug reactions and uses of aspirin.
6. Classify antihypertensive drugs. Write the mechanism of action, adverse drug reactions and uses of any one drug.
7. Write note on : a) Anti-anginal drugs b) anti-coagulants.
8. Classify antimalarial drugs and write the mechanism of action, adverse drug reactions and uses of chloroquine.
9. Write the ADR and uses of following drugs.
  - a) Omeprazole
  - b) Paracetamol
  - c) Morphine
  - d) Diazepam
  - e) Isoniazide
10. Write note on :
  - a) Anti-ulcer drugs
  - b) Local anaesthetics.