

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

**DIPLOMA IN PHARMACY EXAMINATION – October 2018**  
**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. Write in detail about the phases of metabolism.
2. Define and classify local anesthetic drugs. Write the mechanism of action, adverse effect and uses of lignocain
3. Define and classify sedatives and hypnotic drugs. Write the mechanism of action, adverse effect and uses of diazepam.
4. Classify diuretics. Write the mechanism of action adverse effect and uses of any two drugs.
5. Classify anticancer drugs. Write the mechanism of action adverse drug reactions and uses of any two drugs.
6. Classify anti-viral drugs. Write the mechanism of action adverse drug reactions and uses of any one drug.
7. Write note on :  
(a) H1 receptor antagonists (b) adrenergic receptor blockers
8. Classify antidiabetic drugs and write the mechanism of action, adverse drug reactions and uses of any two drugs.
9. Name two drugs used in the following conditions.  
(a) Tb (b) Gastric ulcer (c) Leprosy (d) congestive heart failure (e) angina
10. Write note on :  
(a) Anti asthmatic drugs (b) General anaesthetics.

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