

**QP CODE: 204326**

**Reg. No: .....**

**Second Year Pharm D Degree Supplementary Examinations  
December 2019**

**Pharmacology - I**

**Time: 3 Hours**

**Total Marks: 70**

- **Answer all Questions.**
- **Draw Diagrams wherever necessary.**

**Essays**

**(3x10=30)**

1. Classify anti-hypertensives drugs. Discuss the mechanism of action, adverse drug reactions and uses of ACE inhibitors and beta blockers.
2. Classify anti-cholinergic agents. Explain the mechanism of action, pharmacological actions, adverse effects and therapeutic uses of Atropine.
3. Classify NSAIDs. Write the pharmacological actions and the therapeutic uses of aspirin.

**Short notes**

**(8x5=40)**

4. Write briefly about the phases involved in Bio-transformation.
5. Define and classify local anesthetics. Write the mechanism of action and uses of lignocaine.
6. Write the mechanism of action and uses of disulfiram.
7. What are antithyroid drugs. Write the uses of the same.
8. What are antitussives. Classify and explain their pharmacology.
9. Pre anesthetic medication.
10. What are the factors influencing drug absorption.
11. Classify histamine 2 receptor antagonists. List their therapeutic uses and adverse effects.

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