

**QP CODE: 204326**

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

**Second Year Pharm D Degree Examinations June 2018**

**Pharmacology - I**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Define bioavailability. Discuss the various factors affecting bioavailability of drugs
2. What are cardio tonics. Explain the mechanism of action, adverse effects and therapeutic uses of digitalis
3. Classify NSAIDS. Explain the pharmacology of salicylates

**Short notes**

**(8x5=40)**

4. Aversion therapy in the treatment of alcoholism
5. Pharmacokinetic interactions with examples
6. HMG-CoA reductase inhibitors
7. Classify local anesthetics with examples and mention their clinical uses
8. Classify the drugs used in Parkinsonism with examples. Describe the pharmacology of levodopa
9. Explain the mechanism of action and therapeutic uses of cholinesterase inhibitors
10. Explain the pharmacological actions of histamine
11. Classify drugs used in the treatment of bronchial asthma with examples. Add a note on mucolytics

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