

**QP CODE:204326**

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

Second Year Pharm D Degree Examinations - November 2013

**Pharmacology - I**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(3x10=30)**

1. Mention the various routes of drug administration with examples. What are the advantages & disadvantages of oral, intravenous and sublingual routes of drug administration.
2. Explain the mechanism, pharmacological action and therapeutic uses of acetylcholine.
3. Discuss the synthesis, mechanism, pharmacological action, adverse reaction, dose and therapeutic uses of digoxin.

**Short notes**

**(8x5=40)**

4. Factors affecting biotransformation.
5. Management of Parkinsonism.
6. Organophosphorous compound poisoning.
7. Treatment of angina pectoris.
8. Hypertension-principles of drug therapy.
9. Therapeutic uses of progestins.
10. Management of emergencies in the diabetic.
11. Expectorants.

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