

[LD 813]

OCTOBER 2013  
PHARM. D DEGREE EXAMS  
THIRD YEAR  
PAPER I – PHARMACOLOGY - II  
*Q.P. Code : 383813*

Sub. Code: 3813

Time : 3 hours

Maximum : 70 marks

**I. Elaborate on :**

**(2x20=40)**

1. What are quinolones? Write the spectrum of activity, mechanism of action therapeutic uses and adverse reactions of ciprofloxacin.
2. Classify anti cancer drugs with suitable examples. Write the mechanism of actions, therapeutic uses and adverse effects of paclitaxel. Add a note on hormones as anticancer drugs.

**II. Write notes on :**

**(10x3=30)**

1. Write a note on fibrinolytic agents.
2. Write a note on anti amoebic drugs.
3. Write a note on loop diuretics.
4. What are anti diuretic hormones? Give its therapeutic uses.
5. Write a note on acute toxicity studies.
6. What is DNA replication? Give its importance.
7. What are the vectors used in gene transfer?
8. Write a note on gene mapping.
9. What is mean by a) Mutation b) Deletion c) Amplification?
10. What are macromolecules? Give its functions.

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