

Third Year Pharm D Degree Examinations - July 2016

Pharmacology II

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Classify diuretics with example.Explain the mechanism of action, pharmacological action, therapeutic uses and adverse effects of loop diuretics
2. Classify anti malarial drugs based on clinical utility. Explain the mechanism of action, pharmacological action, therapeutic uses and adverse effects of chloroquine.
3. Explain the structure of chromatin and eukaryotic chromosome

Short notes

(8x5=40)

4. Immuno-suppressants.
5. What are the conditions for thrombolytic therapy.
6. Various factors affecting the selection of an antimicrobial agent.
7. Therapeutic uses and adverse effects of gentamicin and neomycin.
8. Mechanism of protein synthesis.
9. DNA replication.
10. Acute and chronic toxicity studies.
11. Mechanism of action and therapeutic uses of albendazole.
