

Third Year Pharm D Degree Examinations - July 2015

Pharmacology II

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essays

(3x10=30)

1. Classify anti coagulants with example. Explain the mechanism of action, pharmacological action, therapeutic uses and adverse effects of fast acting anti coagulants.
2. Classify penicillin according to their anti bacterial spectrum. Mention the mechanism of action, pharmacological action, therapeutic uses and adverse effects of penicillin G.
3. Discuss in detail about the transcription and translation process in prokaryotes.

Short notes

(8x5=40)

4. Pharmacological action and therapeutic uses of acetazolamide.
5. Immuno-stimulants
6. Mutation and cell cycle.
7. Principle, processes and applications of recombinant DNA technology.
8. Why tetracyclines are not safe during pregnancy.
9. Cellular classification.
10. Mention the treatment for lepromatous leprosy.
11. Cotrimoxazole and ciprofloxacin
