

Second Year Pharm D Degree Examinations - October 2012

Pharmacology- I

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x10=20)

1. Define and classify NSAIDs. Discuss the pharmacology, mechanism of action, adverse drug reactions, therapeutic uses of aspirin.
2. Define and classify anti adrenergic drugs. Discuss in detail pharmacology, mechanism of action, adverse effects, and therapeutic uses of beta blockers.

Short notes

(10x3=30)

3. Define and classify anti anxiety drugs.
4. Define and mention the mechanism of action of anti cholinergic drugs
5. Mechanism of action of local anesthetics.
6. Discuss the pharmacology of bronchodilators.
7. Biotransformation .
8. Drugs used for glaucoma
9. Classify antianginal drugs with examples.
10. Neuromuscular blockers
11. Factors affecting drug absorption
12. Explain the mechanism of actions of oral hypoglycemic agents.

Answer briefly

(10x2=20)

13. Define orphan drugs with examples.
14. Define synergism and antagonism.
15. Define iatrogenic diseases with an example.
16. Classify cholinoreceptors.
17. Define mydriatics and miotics.
18. Mechanism of action of antihistamine .
19. List two examples of central cough suppressants.
20. Define sedative and hypnotic.
21. . Define tachyphylaxis with example.
22. What is plasma half life . List the formula to calculate half life .
