

QP CODE: 204326

Reg.No:

Second Year Pharm D Degree Examinations July 2017

Pharmacology - I

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(3x10=30)

1. Define biotransformation. Discuss the synthetic and non synthetic reaction of drug metabolism with suitable example.
2. Define congestive cardiac failure. Classify drugs used in the treatment of congestive cardiac failure and mention the mechanism of action, pharmacological action, adverse effects and therapeutic uses of digoxin.
3. Describe the mechanism of antipsychotic action. Explain the mechanisms involved in extra pyramidal symptoms of typical antipsychotic drugs and how to overcome these" with Describe the mechanism of action, pharmacological effects, adverse effects and

Short notes

Therapeutic uses of chlorpromazine

(8x5=40)

4. Different routes of drug administration.
5. Synthesis, storage and metabolism of 5-hydroxytryptamine.
6. Explain the synthesis of thyroid hormones. How do anti-thyroid drugs interfere with this process.
7. Define epilepsy and mention the mode of action of phenytoin.
8. Describe the reason for the combination of carbidopa and levodopa.
9. Describe the signs, symptoms and treatment of acute alcohol poisoning.
10. Compare and contrast barbiturates and benzodiazepines.
11. Classify local anathetics with examples. Write a note on lignocaine.
