

QP CODE:204326

Reg.No:

Second Year Pharm D Degree Supplementary Examinations - April 2013

Pharmacology- I

Time: 3 Hours

Total Marks: 70

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay (2x10=20)

1. Enumerate the different routes of drug administration and explain the merits & demerits of enteral and parenteral routes.
2. Classify antipsychotics with examples. Discuss the mechanism of action and adverse effects of chlorpromazine

Short notes (10x3=30)

3. Classify non-narcotic analgesics and the adverse effects of nimesulide
4. Mechanism of action and adverse effects of calcium channel blockers
5. Discuss pharmacodynamic type of drug interactions in brief
6. Explain the factors effecting drug absorption
7. Classify sympathomimetics with examples and the clinical uses of adrenaline
8. Classify hypolipemic drugs and mention the mechanism of action of statins
9. Pharmacological actions of histamine
10. Therapeutic uses of expectorants and antitussives
11. Sex hormones
12. Discuss disulfiram therapy in the treatment of alcoholism

Answer briefly (10x2=20)

13. Why is acetyl choline not used clinically
14. Enlist the drugs used in petit mal epilepsy
15. Mechanism of action of atropine as a mydriatic agent
16. Name MAO inhibitors and their uses
17. Enlist the opioid antagonists
18. Define drug synergism with suitable example
19. Mechanism of action of nitroglycerin
20. Therapeutic uses of reversible anti-cholinesterases
21. What are decarboxylase inhibitors and mention where it is used.
22. What are non sedative antihistamines. List two examples
