

QP CODE:305008

Reg.No.....

Third Year B.Pharm(Ayurveda) Degree Examinations, October 2014

Pharmacology I

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(2x10=20)

1. Classify anti-cholinergic drugs with suitable examples. Explain the pharmacological actions of atropine. (3+7=10)
2. Explain the various routes of administration with examples. Mention the advantages and disadvantages of intravenous route. (8+2=10)

Short notes:

(10x5=50)

3. Organophosphorous compound poisoning.
4. Bioassay of acetyl choline.
5. Drug interactions.
6. Neuromuscular blockers.
7. Anabolic steroids.
8. Arachidonic acid pathway.
9. Mechanism of action of steroidal hormones with examples.
10. Various toxicity studies conducted in the pre clinical design.
11. Drug therapy for migraine.
12. Drug acting on autonomic ganglia

Answer briefly:

(10x3=30)

13. Miotics.
14. L-asparaginase.
15. Metabolic reactions of vitamin B₁₂.
16. Propranolol.
17. Hypersensitivity.
18. Cyclosporine.
19. Second generation antihistamines.
20. Therapeutic index.
21. Symptoms of iron poisoning and its treatment.
22. Phosphodiesterase inhibitors.
