

Third Year B.Pharm(Ayurveda) Degree Examinations, October 2015**Pharmacology I****Time : 3 Hours****Total Marks:100**

- **Answer all questions**

Essays: (2x10=20)

1. Define biotransformation of drugs. Explain phase I and phase II reactions. (2+8=10)
2. Classify cholinergic drugs with examples. Explain the pharmacological actions of acetylcholine. (3+7=10)

Short notes: (10x5=50)

3. Pharmacological actions of glucocorticoids.
4. Principle and method of bioassay of insulin.
5. Source, signs, symptoms and treatment of arsenic poisoning.
6. Pharmacological and therapeutic uses of skeletal muscle relaxants.
7. Classify antihistamines with examples and explain their actions and use.
8. Various steps involved in drug development programme.
9. Drug antagonism.
10. Symptoms and treatment of insecticide poisoning.
11. Methods utilized for prolonging drug action.
12. Oxy toxics.

Answer briefly: (10x3=30)

13. Dose response curve and its significance.
14. Hyaluronidase.
15. Ligand gated ion channel.
16. Prostaglandins in glaucoma.
17. Tacrolimus.
18. Vitamin A.
19. Mast cell stabilizers.
20. Ondansetron.
21. Symptoms of drug dependence and addiction.
22. Radioactive iodine.
