

QP CODE:305008

Reg.No.....

**Third Year B.Pharm(Ayurveda) Degree Supplementary Examinations, April
2016**

Pharmacology I

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(2x10=20)

1. Classify drugs used for treatment of bronchial asthma. Explain the mechanism of action and adverse effects of any two classes of drugs. (4+3+3=10)
2. Explain the process involved in new drug development process. (10)

Short notes:

(10x5=50)

3. G-protein coupled receptor.
4. Explain mechanism of action of steroidal hormones with examples.
5. Mechanism of action, uses and adverse drug reactions of beta blockers.
6. Methods to prolong the drug action.
7. Pharmacology of anti cholinergics.
8. Phase II reactions in biotransformation of drugs.
9. Signs, symptoms and treatment of lead poisoning.
10. Define bioassay and explain bioassay of insulin.
11. Steps involved in neurohumeral transmission.
12. Fat soluble vitamins.

Answer briefly:

(10x3=30)

13. Hyperbaric oxygen.
14. Algorithm of arachidonic drugs.
15. Classify anti thyroid drugs.
16. Pharmacology of d-tubocurarine.
17. Drug treatment of glaucoma.
18. Define volume distribution and bioavailability.
19. Mechanism of actions and uses of ondansetron.
20. Cholinergic receptors
21. Mechanism of action and category of tacrolimus.
22. Drug dependence.
