

QP CODE: 305008

Reg. No.....

**Third B.Pharm (Ayurveda) Degree Supplementary Examinations,
April 2017
Pharmacology I**

Time : 3 Hours

Total Marks:100

- **Answer all questions**

Essays:

(2x10=20)

1. Explain different routes of administration of drug with their merits and demerits (7+3=10)
2. Explain adrenergic drugs and adrenergic blocking drugs (6+4=10)

Short notes:

(10x5=50)

3. Explain biotransformation of drugs
4. Explain briefly about the different mechanism of drug actions
5. Explain briefly about the different toxicity studies in animals
6. Explain the mode of action of mydriatic and miotic drugs in glaucoma
7. Explain briefly about antihistaminic drugs and their mode of action
8. Explain briefly about different enzyme therapies and their limitations
9. Explain the mode of action of bronchodilators with special reference to aerosols
10. Explain different drugs used in uterine conditions with their mode of action
11. Explain different types of receptors
12. Explain briefly about ganglionic blockers with their practical utility in different systems

Answer briefly:

(10x3=30)

13. Define habituation and addiction and their difference
14. What is anabolic steroids. Give two examples
15. Define pharmacokinetics, pharmacodynamics and toxicology
16. Mention the name of vitamin B 6 and give its two actions in the body
17. Mention three examples of heavy metals
18. Explain the mode of action of 5 – Hydroxy tryptamines
19. Define contraceptive and give two examples of oral contraceptives
20. Define antagonism and give two examples
21. Define LD 50, ED 50 and therapeutic index
22. Name three sources of drugs with one example each.
