

QP CODE: 305008

Reg. No.....

Third B.Pharm (Ayurveda) Degree Supplementary Examinations April 2019

Pharmacology I

Time: 3 Hours

Total Marks: 100

- **Answer all questions**

Essays: (2x10=20)

1. Explain biotransformation of drug and write phase I reactions in detail.
2. Classify drugs used in the treatment of asthma with its mechanism of action. (5+5)

Short notes: (10x5=50)

3. Ion channel linked receptors.
4. Passive diffusion.
5. Drug excretion through kidney.
6. Steps involved in neuro humoral transmission.
7. Immunostimulants.
8. Vitamin C.
9. Classification and mechanism of action of glucocorticoids.
10. Drug antagonism.
11. Arsenic poisoning.
12. Hyaluronidase

Answer briefly: (10x3=30)

13. Cholinergic receptors.
14. Sublingual route of drug administration.
15. Define bioavailability and enterohepatic circulation of drugs.
16. Acute and sub-acute toxicity.
17. Bioassay of d-tubocurarin.
18. Name and mechanism action of mucolytics.
19. Physiological functions of progesterone.
20. Algorithm of arachidonic drugs.
21. Classification of tocolytics with examples.
22. Define LD50 and ED50
