

**QP CODE: 305008**

**Reg. No.....**

**Third B.Pharm (Ayurveda) Degree Regular/Supplementary Examinations  
October 2019  
Pharmacology I**

**Time: 3 Hours**

**Total Marks: 100**

- **Answer all questions**

**Essays:** (2x10=20)

1. Classify para sympatholytics with examples. Discuss the pharmacological actions and uses of atropine. (3+5+2)
2. Discuss the different processes involved in the development of a new drug until it is marketed.

**Short notes:** (10x5=50)

3. Protein binding of drugs
4. Enumerate the therapeutic applications of fat soluble vitamins
5. What is glaucoma. Classify with examples the different drugs used in glaucoma
6. Write the principle and procedure involved in the bioassay of digitalis
7. Discuss the mechanism of action of different types of anti-thyroid drugs
8. Symptoms and management of organophosphorus poisoning
9. What are antihistaminics. Classify with examples and mention their clinical uses.
10. Discuss the different types of drug antagonism with examples
11. Structure-activity relationship of drugs.
12. Mention the advantages and disadvantages of oral route of drugs

**Answer briefly:** (10x3=30)

13. Give the rationale for using corticosteroids in asthma management
14. What are Ecboolics. Give examples.
15. Why acetyl choline is not used for therapeutic purpose
16. What is acute tolerance
17. Pre-systemic metabolism
18. What is meant by clinical trial of a drug
19. Define the term drug dependence with suitable examples
20. Why propranolol is contraindicated in asthma patients
21. How does dimercaprol work in arsenic poisoning
22. What is radioimmunoassay

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