

**Third B. Pharm (Ayurveda) Degree Supplementary Examinations
August 2024**

Pharmacology I

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*

Essays:

(2x10=20)

1. Define glaucoma. Explain the types of glaucoma and drugs used for the treatment of glaucoma.
2. Classify anticholinestrases. Write the therapeutic uses and adverse effects of anticholinestrases.

Short notes:

(10x5=50)

3. Therapeutic uses of synthetic estrogen
4. Discuss about nasal decongestants
5. Explain in detail about the pharmacology of systemic antacids.
6. General mechanisms of drug action
7. Signs and management of acute mercury poisoning.
8. Discuss briefly about tocolytics.
9. Explain anti inflammatory drugs used in bronchial asthma.
10. Explain the therapeutic uses and adverse effects of d-tubocurarine.
11. Write briefly about the pharmacology of propyl thiouracils.
12. Bioassay of adrenaline

Answer briefly:

(10x3=30)

13. Phases of clinical trials
14. Teratogenicity
15. Pre anesthetic medication
16. Significance of plasma $t_{1/2}$
17. Chronic toxicity studies
18. Drug synergism
19. Uses of chymo trypsin.
20. Therapeutic uses of H1 receptor blockers
21. 5 HT 3 antagonists and their therapeutic uses.
22. Enzyme induction.
