

**Third B. Pharm (Ayurveda) Degree Regular/Supplementary Examinations
April 2022**

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. Describe any five factors which can modify drug actions.
2. Classify anti- cholinergic drugs with examples. Write therapeutic uses and side effects of atropine. (6+2+2)

Short notes: (10x5=50)

3. Bronchodilators in asthma.
4. Indications of bioassay.
5. Advantages and disadvantages of oral and parenteral route.
6. Pharmacological actions of 5-hydroxytryptamine.
7. Anabolic steroids.
8. Drug therapy of glaucoma.
9. Blood brain barrier.
10. Phases of clinical trial.
11. Digestive enzymes.
12. Mechanism of action and therapeutic uses of cyclosporine.

Answer briefly: (10x3=30)

13. Define: agonist, partial agonist and antagonist.
14. Adverse drug reactions.
15. Inhalation route of drug administration.
16. Enzymatic mechanism of drug action.
17. Define drug dependence. Give name of five drugs that cause dependence.
18. Classify alpha blockers with examples.
19. Role of prostaglandin in platelet aggregation.
20. Vitamin A – natural sources and names of synthetic analogues.
21. Classification of central cough suppressants with examples.
22. Acute lead poisoning.
