

**QP CODE: 305008**

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

**Third B.Pharm (Ayurveda) Degree Supplementary Examinations  
November 2021**

**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. Explain drug elimination.
2. Explain cholinergic transmission. Write mechanism of action of anticholinesterase. (6+4)

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

3. Indications of bioassay.
4. Classification and physiological functions of estrogens.
5. Hyaluronidase.
6. Phases of clinical trial.
7. Mechanism of action, adverse reactions and therapeutic uses of cyclosporine.
8. Pharmacological actions of kinins.
9. Ion channel linked receptors.
10. Leukotriene modifiers.
11. Anti-inflammatory action of glucocorticoids.
12. Mechanism of drug action by its physical properties

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

13. Define - drug (WHO), pharmacy and pharmacokinetics.
14. Sources of drugs with examples.
15. Miotics.
16. Water vapour.
17. Classification of alpha blockers with examples.
18. Sources and therapeutic uses of vitamin D.
19. Subcutaneous route of drug administration.
20. Treatment of acute lead poisoning.
21. Type A ADR.
22. Define - bioavailability and volume of distribution

\*\*\*\*\*