



**Pharmacological Screening Methods and Clinical Evaluation**

**(Revised Scheme 4)**

**Q.P. CODE: 9350**

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

**LONG ESSAY (Answer any TWO)**

**2 X 20 = 40 Marks**

1. Explain various preclinical models employed in the screening of anti-inflammatory drugs.
2. Explain the various screening models of anticancer drugs.
3. Explain the study design, ethics in patient selection and preserving their rights during clinical research.

**SHORT ESSAY (Answer any FIVE)**

**5 X 10 = 50 Marks**

4. ICH guidelines for efficacy testing of drugs
5. What is informed consent? Write its importance.
6. Write the applications of Biomarker analysis.
7. Write the basic principles involved in cell based assays.
8. Explain the absorption of drug.
9. Explain the various screening models of antiepileptic drugs.

**SHORT NOTES**

**2 X 5 = 10 Marks**

10. Equivalence design
11. Missing data management

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