

1 Hour

Total Marks: 25

**Note: -**

- 1. Attempt all questions.**
- 2. Draw neat labeled diagrams wherever necessary.**
- 3. Use of log tables and non-programmable calculators is allowed.**

**Q.1 Answer the following (Any 2)**

**10**

- 1 Short Note on : Enzyme as therapeutic agents.
- 2 What is the significance of Post-Market Drug Safety Monitoring?
- 3 Short note on: Preclinical Research during the drug development process.
- 4 Difference between IND & NDA

**Q.2 Answer the following (Any 2)**

**10**

- 1 Give the classification of drugs with examples.
- 2 Explain the Topical application of Drugs for their entry into the body.
- 3 Describe the compartmental model.
- 4 Discuss ADRs giving suitable example.

**Q.3 Do as directed**

**5**

- 1 Full form of NCE
  - 2 Any one example of enzyme used in diagnostics
  - 3 Define Pharmacokinetics
  - 4 Full form of SAEs
  - 5 \_\_\_\_\_ is the study of how a drug changes the functioning of an organ.
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