

**Time : 3 hours / Max. marks : 70**

**2. Write each section in a separate answer book.**

- a. Explain the responsibilities of the IRB during clinical trial.
- b. What is a clinical research protocol? Describe its content.
- c. Describe the methods to measure bioavailability.
- d. Explain briefly the different pharmacokinetic models.
- e. Write the significance of preclinical toxicity studies. Explain the parameters measured to determine toxicity.

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