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**School of Biomedical Science**

Master of Science Clinical Research

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

**Sem II - Q1PK207B - Drug Discovery and Development**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Explain the Characteristics of Ideal Drug . K2 (2)
- 2) Define the Patient information sheet.. K1 (3)
- 3) Explain the SAE and AE . K2 (4)
- 4) Explain the evolution of regulatory bodies in clinical research. K2 (6)
- 5) Illustrate the Preclinical toxicology study. K3 (6)
- 6) Illustrate the steps involved in new drug development process. K3 (9)
- 7) Analyze of history and objective of carcinogenicity studies of Pharmaceutical . K4 (8)
  
- 8) Analyze the Pharmacological Screening of Drugs. K4 (12)

**OR**

- Analyze the Duration of chronic toxicity testing in animals (rodent and non-rodent toxicity testing). K4 (12)