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School of Medical and Allied Sciences

Master of Pharmacy in Pharmacology

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 30

Sem II - MPL202T - Pharmacological and Toxicological Screening Methods-IIGeneral 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) Define toxicology and its primary objectives. K1 (2)
 - 2) Explain the difference between Toxins and Toxicants. K2 (2)
 - 3) Illustrate the importance of conducting studies through oral and dermal routes according to OECD guidelines. K2 (2)
 - 4) What is the difference between Acute and chronic toxicity. K1 (2)
 - 5) Organize a discussion on the importance of dermal irritation studies in assessing the safety of substances. K2 (2)
 - 6) Identify in detail the regulatory guidelines for conducting toxicity studies set by OECD, ICH, EPA, and Schedule Y. K3 (5)
 - 7) Contrast a note on Good Laboratory Practice (GLP) and its significance in toxicology studies. K4 (5)
- OR**
- Distinguish the protocols and significance of skin sensitization and dermal irritation studies in assessing the safety of substances. K4 (5)
 - 8) Determine the key principles of toxicity study guidelines provided by the OECD (Organization for Economic Co-operation and Development). K5 (10)
- OR**
- Determine the key principles of GLP as established by the OECD. K5 (10)