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**School of Medical and Allied Sciences**

Master of Pharmacy in Pharmaceutics

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 30

**Sem II - MPC203T - Computer Aided Drug Design**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) Define drug design. K1 (2)
  - 2) Demonstrate Lipinski rule. K2 (2)
  - 3) Illustrate LogP value. K2 (2)
  - 4) Recall molecular docking. K1 (2)
  - 5) Explain ligand based approach. K2 (2)
  - 6) Identify QSAR Equation with their application. K3 (5)
  
  - 7) Analyze Descriptors (Molecular properties) in QSAR. K4 (5)
- OR**
- Analyze the various parameters used in QSAR studies. K4 (5)
  
  - 8) Asses the QSAR methodology in details. K5 (10)
- OR**
- Asses the history of QSAR. K5 (10)