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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 - MPH203T - Computer Aided Drug Delivery SystemGeneral 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) What is Statistical modeling? K1 (2)
 - 2) Explain QbD. K2 (2)
 - 3) Explain about ASBT. K2 (2)
 - 4) What is Population Modeling? K1 (2)
 - 5) Relate the Intestinal Permeation and Drug Distribution with therapeutic effect of drug. K2 (2)
 - 6) Organize the application of QBD in pharmaceutical development K3 (5)
 - 7) Classify the difference between optimal design and population modeling K4 (5)
- OR**
- Simplify the importance of Computational Modeling of Drug . K4 (5)
 - 8) Conclude and explain Statistical Parameters K5 (10)
- OR**
- Conclude the role of Population Modeling as well as Sensitivity Analysis in relation to Pharmaceutical industry. K5 (10)