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School of Medical and Allied Sciences

Bachelor of Pharmacy

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 30

Sem III - BP302T - Physical Pharmaceutics IGeneral 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 the terms solute, solvent. K1 (2)
 - 2) Explain the mechanism of solute-solvent interaction. K2 (2)
 - 3) Explain vapour pressure. K2 (2)
 - 4) Define binary solution. K1 (2)
 - 5) Explain eutectic mixture. K2 (2)
 - 6) Develop the role of solubility of liquids in liquids. K3 (5)

 - 7) Simplify the distribution law, its limitations and applications. K4 (5)
- OR**
- Categorize the aerosols–inhalers. K4 (5)
 - 8) Explain briefly the critical solution temperature & its types. K5 (10)
- OR**
- Elaborate the physicochemical properties of drug molecules . K6 (10)