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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 V - BPHT5002 - Industrial Pharmacy I**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) What are different forms of solids? K1 (2)
  - 2) Illustrate about the term polymorphism. K2 (2)
  - 3) Demonstrate about the term film coated tablet. K2 (2)
  - 4) Recall about the objectives of preformulation studies. K1 (2)
  - 5) Illustrate about the various topical route of drug administration. K2 (2)
  - 6) Plan the procedure involved in polymerization. K3 (5)
  
  - 7) Analyze the term particle size and different possible shapes of powder particles with suitable diagram. K4 (5)
- OR**
- Distinguish between s.c., i.m and i.v. route of drug administration. K4 (5)
  - 8) Determine the various quality control tests of tablet evaluation. K5 (10)
- OR**
- Conclude a note on preliminary evaluation of tablet and write in detail about flow properties of powders. K5 (10)