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School of Medical and Allied Sciences

Master of Pharmacy in Pharmaceutics

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 30

Sem I - MPC102T - Advanced Organic ChemistryGeneral 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 Carbocation. K1 (2)
 - 2) What do you mean by substitution reactions? K2 (2)
 - 3) Explain Michael addition reaction. K2 (2)
 - 4) Define Carbenes. K1 (2)
 - 5) Outline Sandmeyer Reaction. K2 (2)
 - 6) Build a note on Walden inversion. K3 (5)

 - 7) Identify the method of formation of carbanion. K4 (5)
- OR**
- Inspect the term Dieckmann reaction. K4 (5)
 - 8) Compare (i) SN1 and SN2 reactions (ii) E1 and E2. K5 (10)
- OR**
- Explain the rearrangement reactions with the help of examples. K5 (10)