

Maulana Azad National Institute of Technology

Department of Chemistry

Mini-Test (Sep'24)

Subject: Engineering Chemistry(CHY107)

Time: 60 min

Maximum Marks: 10

Faculty: Dr Jyoti Mittal

- Q.1. Explain Thick Layer Mechanism of Lubrication? How can you explain Hydrodynamic lubrication by it? (3)
- Q.2. What is the importance of determination of following properties of lubricating oils: a) Viscosity b) Emulsification (2)
- Q.3. Compare the advantages and disadvantages of vegetable and animal-origin oils over mineral oils. (3)
- Q.4. Discuss blended oils with at least two examples. (2)