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ME 8391 Engineering Thermodynamics
Important 2Mark Questions

Unit I

1. What is meant by control volume and control surface?
2. Differentiate between Intensive and Extensive properties.
3. State the zeroth law of thermodynamics.

Unit II

1. Define entropy of a pure substance.
2. What is irreversibility of a process.
3. Define heat reservoir and source.

Unit III

1. Write a short note on Mollier chart.
2. List the advantages in superheating of steam.
3. What is critical condition of steam?

Unit IV

1. What is Clausius-Claperyon equation?
2. State the principle of corresponding states.
3. State the assumptions made in deriving ideal gas equation using the kinetic theory of gases.

Unit V

1. How will you define Psychrometric?
2. What is meant by partial volume?
3. Define adiabatic saturation temperature.