

## ***ASSIGNMENT***

1. What is subcooling?
2. What is significance of superheating and subcooling?
3. What is a Mollier diagram?
4. Discuss the importance of pressure enthalpy charts?
5. What is freezing time and how it is calculated?
6. What are the different types of freezers?
7. What are constant entropy lines in a Mollier diagram?
8. Liquid nitrogen and solid carbon dioxide are used in which type of freezing technique?
9. The co-efficient of performance of a Carnot refrigerator, when it extracts 8350 kJ/min from a heat source, is 5. Find power required to run the compressor.