

ASSIGNMENT

1. Define the following terms related to refrigeration, i) one ton of refrigeration ii) Coefficient of performance (C.O.P.).
2. Explain in brief the four parameters for the selection of compressor used in domestic refrigerator.
3. Explain the effect of superheating and subcooling in the vapour compression refrigeration system with the help of P-H charts.
4. What are the desirable properties of an ideal refrigerant?
5. State four commercial applications of refrigeration system.
6. What is the function of expansion device? Name the different expansion devices used in refrigeration system.
7. What is eco-friendly refrigerant? Give its advantages over conventional type of refrigerants.
8. Discuss various operations of vapor compression refrigeration condition cycle.
9. Write short notes on the components of a refrigeration system.
10. What are the ideal temperatures for the storage of different food products?