

### **Summary**

In the present module, concept and selection of refrigerants were detailed, which are essential in understanding the refrigeration efficiency and related processes. Under the concept of refrigerants, numbering system and selection of refrigerants were focused. In the later section refrigeration cycle which is the basis of refrigeration was discussed, related to it are the pressure enthalpy diagrams and coefficient of performance of a refrigeration system. Coefficient of performance gives us the performance efficiency of the refrigeration system.