

Key Points:-

* While dealing with questions on change of state (especially water and ice in a mixture)

→ Check that heat lost by water is enough to melt ice or not. If it is not enough, then only some ice will be melted and rest will stay.

* 1 calorie: Heat required to raise temperature of 1 gm water by 1°C from $(14.5^\circ\text{C}$ to $15.5^\circ\text{C})$ at a pressure of 1 atm.

* While solving questions on change of state; Keep in mind the following conversion table:-

