

CHAPTER 06

HEAT

Introduction:

Heat is a form of energy by means of which a body can be hot or cold. If heat is supplied to a system, it becomes hot and when removed it becomes cold.

“The degree of hotness or coldness” is called temperature, which means.

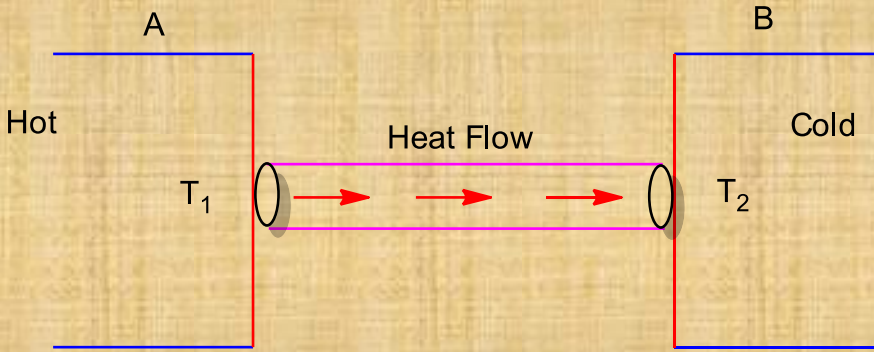
If temperature is high – Hot

If temperature is low – Cold

Heat and temperature – Thermal equilibrium:

As we know the water flows from HIGH LEVEL region to LOW LEVEL region, Heat flows from HIGH TEMPERATURE region to LOW TEMPERATURE region.

Therefore, Heat transfer takes place from hotter body to colder body.



When $T_1 > T_2$, heat flows from A to B.

