



BAL BHARATI PUBLIC SCHOOL, PITAMPURA, DELHI-110034

**Class 7 std
Chapter Heat TERM 1(2013-2014)
ASSIGNMENT**

- Q1.** List two main effects of heat.
- Q2.** Define Temperature.
- Q3.** What do you understand by upper fixed point and lower fixed point?
- Q4.** Why is mercury and not water used in thermometers?
- Q5.** Name the scales used to measure temperature.
- Q6.** Give reasons for the following
- i) Table mats are made from cane or plastics.
 - ii) Ventilators are situated close to the ceiling.
 - iii) Handles of bikes and scooters are covered with rubber.
 - iv) We cannot use laboratory thermometer to measure our body temperature.
 - v) We prefer to wear white clothes in summer
 - vi) Heating coils of a room heater have a shiny curved metal surface.
 - vii) Solar cookers are painted black from inside.
- Q7.** When you keep an ice cube on your palm, it melts slowly. From where does the flow of heat takes place?
- Q8.** Distinguish between:
- i) Conduction and Convection
 - ii) Conductors and Insulators
- Q9.** How laboratory thermometer does differ from clinical thermometer?
- Q10.** Draw a neat and labeled diagram of clinical thermometer and explain the purpose of the kink in its stem.