



**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.