

Heat

Q1. State the precaution to be observed while using a laboratory thermometer.

Ans. Precaution to be observed while using a laboratory thermometer

- i. Handle the thermometer with care. If it hits against some hard object, it can break.
- ii. Thermometer should be kept upright not tilted.
- iii. Bulb should be surrounded from all sides by the substance of which the temperature is to be measured. The bulb should not touch the surface of the container.
- iv. Do not move the thermometer while measuring the temperature of the substance.
- v. Read the temperature of the object when the thermometer is in the substance.