

CHAPTER 05**HEAT – MEASUREMENT**

- Heat is a form of energy that transfers from one body to another due to difference in temperature.
- Heat is simply the transfer of energy from a hot object to a colder object.
- Temperature is a measure of the degree of hotness or coldness of an object.
- Heat is a form of energy and temperature is a measure of amount of energy present in a body.
- We use thermometers to measure the temperature.
- The three most common units of measurement for temperature are Celsius, Fahrenheit and Kelvin.
- Mercury and alcohol are the commonly used thermometric liquids.
- Normal human body temperature is about 98.6°F or 37°C. It often varies from 1° to 2°F.
- Digital thermometers are most accurate and quick.
- Thermister thermometer are measure the human body temperatures, particularly for infants and children.
- Laboratory thermometers measure temperature with a high level of precision for experiments in laboratories.