
Chapter 4: Heat

Fill in the blanks :

1. _____ is a device used for measuring temperature.
2. The materials which allow heat to pass through them easily are _____ of heat.
3. Clinical thermometer is used to measure our _____
4. Wool is poor _____ of heat and it has air trapped in between the fibres.
5. In _____ generally the heat is transferred by conduction.
6. _____ metal is used in the bulb of the thermometer.
7. The normal temperature of the human body is _____

True or False :

1. The materials which do not allow heat to pass them easily are called insulators.
2. In liquids and gases the heat is transferred by conduction.
3. A kink near the bulb of a clinical thermometer prevents mercury level from falling of its own.
4. We get heat from the sun by radiation.
5. Digital thermometers contain mercury.

Define :

- | | |
|----------------|---------------|
| 1. Temperature | 3. Conduction |
| 2. Radiation | 4. Convection |

Name the following:

1. The movement of cool air from land towards sea.
2. Two conductors of heat
3. Two insulators of heat

Distinguish between

- Conductors and insulators.
- Clinical and laboratory thermometer

Diagram

- ❖ Clinical Thermometer Laboratory Thermometer.
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