

WORK SHEET
SUBJECT- Science
Chapter 5: - Heat

CLASS- VII

Date- 05.09.14

I. Give one word for the following.

- 1) The degree of hotness or coldness of a body.
- 2) Metal used in thermometers.
- 3) Instrument used to measure temperature of a body.
- 4) Materials that allow heat to pass through them easily.
- 5) Materials that do not allow heat to pass through them.

I. Fill in the blanks.

- 1) Air is a _____ conductor of heat.
- 2) Solids _____ on cooling.
- 3) Heat is a form of energy that travels from a _____ object to a _____ object.
- 4) A spoon kept in a cup of hot tea gets heated by _____
- 5) The normal body temperature is _____ °C or _____ °F.
- 6) _____ is the best conductor of heat.
- 7) Ice melts at _____ °C or _____ °F.
- 8) Water boils at _____ °C or _____ °F.
- 9) Black bodies _____ and emit _____ heat the best.
- 10) The another name of clinical thermometer is _____ thermometer.

II. State true or false.

- 1) Heat cannot travel in vacuum.
- 2) Gases expand the most while solids expand the least on heating.
- 3) Room heaters warm the rooms by conduction.
- 4) Blankets keep us warm at night in winters.
- 5) The wooden handle of a pressure cooker prevents conduction of heat to the hand.

III. Match the following.

A

- 1) Conduction
- 2) Radiation
- 3) Heat
- 4) Sea Breeze
- 5) Land Breeze

B

- a) day
- b) solids
- c) night
- d) energy
- e) vacuum

IV. Define.

- i) Energy
- ii) Temperature
- iii) Conduction
- iv) Convection
- v) Radiation

V. Give reasons

- i) Evaporation of sweat causes cooling.
- ii) Ventilators are provided near the ceiling of a room.
- iii) Clinical thermometers have a kink in the capillary tube

VI. Draw the diagram of the following:

- i) Sea Breeze
- ii) Land Breeze
