

**INDIAN SCHOOL SOHAR**  
**FORMATIVE ASSESSMENT-II**  
**SCIENCE**

**SET-1**

**CLASS-VII**  
**3.6.14**

**TIME :- 40 MIN**  
**M M : 20**

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**GENERAL INSTRUCTIONS :-**

1. Questions 1 to 5 are multiple choice questions carrying 1 mark each.
2. Questions 6 to 9 are very short answer type questions carrying 1 mark each.
3. Questions 10 to 12 are short answer type questions carrying 2 marks each.
4. Question no. 13 is a long answer type question carrying 5 marks.

**Q. Choose the most appropriate answer.**

1. Dark coloured clothes keep us warm because they are  
a) good absorbers of heat    b) bad absorbers of heat    c) good reflectors of heat    d) good radiators of heat
2. Cooling of the room by air conditioner is an application of :-  
a) conduction                      b) convection                      c) radiation                      d) none of the above
3. A clinical thermometer ranges from :-  
a)  $20^{\circ}\text{C} - 40^{\circ}\text{C}$                       b)  $36^{\circ}\text{C} - 52^{\circ}\text{C}$                       c)  $94^{\circ}\text{C} - 108^{\circ}\text{C}$                       d)  $35^{\circ}\text{C} - 42^{\circ}\text{C}$
4. The handle of a cooking utensil is made up of :-  
a) Steel                                  b) Aluminium                      c) Bakelite                      d) Glass
5. Which one of the following is not an example of convection ?  
a) Sea breeze                      b) Land breeze                      c) Heating of water                      d) Sun's radiation reaching earth

**6. Fill in the blanks :-**

- a)..... is caused when the land cools faster than water.
- b) A thermos flask maintains the..... of the substance in it .

**7. Analogy type questions :-**

- a) Fahrenheit scale :  $32^{\circ}\text{F} - 212^{\circ}\text{F}$  : Kelvin scale : .....
- b) S I Unit of Temperature : Kelvin :: S I Unit of heat : .....

**8. Name the following :-**

- a) Best Known conductor                      b) Only metal found in the liquid state at the room temperature.
9. What is the use of Kink in a clinical thermometer.
10. The temperature of a patient was recorded as  $40^{\circ}\text{C}$ . Express this temperature in  $^{\circ}\text{F}$ .
11. How is conduction and convection minimized by a thermos flask ?
12. List two important precautions to be followed while reading or noting temperature on a laboratory thermometer.
13. a) Draw a labeled diagram of clinical thermometer.  
b) Compare conduction , convection and radiation. ( 2 points each)

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