

# BHARATH COACHING CENTRE

7<sup>th</sup> CBSE

Science

Total : 35

Heat

Time: 2.00 hrs

## SECTION – A

5 × 1 = 5

1. The bulb in thermometer contains .....
2. Heat always flows from a hotter object to .....
3. In solid heat is transferred by the process called .....
4. Insulators are ..... Conductor of heat.
5. From the sun the heat comes to us by the process called .....

## SECTION – B

10 × 2 = 20

6. Define heat & its unit.
7. Define temperature & its unit.
8. What are the modes of heat transfer?
9. Differentiate between conductor and insulators.
10. Explain conduction.
11. What is thermal equilibrium?
12. Explain how water heated by convection?
13. Explain radiation.
14. How woolen clothes keep us warm in winter?
15. Explain land breeze & sea breeze.

## SECTION – C

2 × 5 = 10

16. Explain clinical thermometer & its function with neat sketch.
17. Explain the modes of heat transfer in detail with example of each.