

Board – ICSE

Class – 7th

Topic – Heat

1. List three effects of heat on an object.
2. Name four good conductors and four bad conductors of heat.
3. What is a thermometer?
4. Give four reasons for using mercury in a thermometer.
5. What are standard points?
6. What is bimetallic strip?
7. Give one example of each mode of transference of heat.
8. Describe an experiment to prove that water is a bad conductor of heat.
9. How will you prove experimentally that amongst the copper and iron rods of same dimensions, copper is a better conductor of heat as compared to iron?
10. Describe an experiment to prove that gases expand on heating.
11. What is thermal expansion?
12. Describe an experiment to prove that solids expand on heating.
13. Why is radiator of motor car painted black?
14. Water is a bad conductor of heat but we heat water without any difficulty. How is it possible?
15. Describe the following terms:
 - (a) solidification
 - (b) vapourisation
 - (c) boiling point
 - (d) evaporation
 - (e) condensation