**Al Bateen School - Grade-4 - Worksheet- 4**

**Term- 2 Chapter-7 - Lesson-1 – Heat**

**Date: 10/02/2020 Name: Grade-4**

1. **Choose the correct option**
2. ---------------- is a flow of thermal energy
3. Sound
4. Light
5. Heat
6. Water
7. Thermometer measure the
8. Pressure
9. Volume
10. mass
11. temperature
12. By which the heat transfers in solid
13. Conduction
14. Convection
15. Radiation
16. Volume

4. By which the heat transfers in liquid

1. Conduction
2. Convection
3. Radiation
4. Volume

5. Which one is not an insulator?

1. Wood
2. Plastic
3. Copper
4. Rubber

**Q-2 Fill in the blanks**

Insulator, conductors, radiation, conduction, convection, physical change, liquid, temperature, expand, warmer

1. ----------------------transfers heat through and gases.

2. Wood is an ------------------.

3. The sun’s heat comes to us through --------------------.

4. Metals are good -------------------of heat.

5. Heat can cause a ------------------------------in a matter.

6. Thermometer is used to measure the -----------------------.

7. Solids are heated mainly by -------------------.

8. Heat can change solid metal into ------------------.

9. Particles that make up matter ---------------on heating.

10. Heat moves from ----------------------objects to cooler objects.

**Q-3 State true or false**

1. Iron get heated by convection. (------------)

2. Particles of matter expand on heating. (-------------)

3. Water is heated by convection. (---------------)

4. Plastic is an insulator. (---------------)

5. Heat from the Sun comes to us through conduction. (---------------)