

Grade 7, Science – Part II **Heat and Temperature**

Your Name :

Read and confirm whether it is right or wrong each.

1. The measurement of coldness or hotness of an object is known as temperature. yes No

2. Heat is a type of energy. yes No

3. Temperature of an object increases when heat is supplied and it decreases when heat is removed from the object. yes No

4. Thermometers are used to measure temperature. yes No

5. The property of expansion of a liquid is used in making liquid thermometers. yes No

6. Units of measuring temperature are degrees Celsius, degrees Fahrenheit and Kelvin. yes No

7. Kelvin is the international unit of measuring temperature. yes No

8. Clinical thermometer is used to measure body temperature. yes No

9. The boiling point (100°C) and the freezing point (0°C) of water are the fixed points of a liquid thermometer at 1 atm. yes No

10. Heat transfers by means of conduction, convection and radiation. yes No

Type the suitable word to fill the blanks from the words given in the brackets.

1. International unit of measuring temperature is

(degrees Celsius/Kelvin)

2. Heat transfers from the sun to the earth by

(conduction/radiation)

3. Aluminum pot on a hearth, heats mainly by getting heat by

..... (conduction/convection)

4. Temperature, at which liquid water converts to ice is called the

..... of water at atmospheric pressure. (boiling

point/ freezing point)

5. Sea breeze and land breeze occur because of the phenomenon of

..... in the air. (convection/radiation)

If you are talented Student, you can earn 10 marks