

"HEAT"



1. What is HEAT?

- a) It is the transfer of thermal energy from one object to another object.
- b) It is the vibration that propagate as an acoustic wave.
- c) It is the reception of waves and perception by the brain.
- d) All of them.

2. What is the Unit of Measure of HEAT?

- a) Watts
- b) Calories or Joules
- c) Kilograms
- d) Litres

3. What is the process of HEAT propagation?

- a) Conduction, radiation and electricity.
- b) Radiation, waving and electricity.
- c) Waves, energy and sounds.
- d) Conduction, convection and radiation.

4. What are effects of Heat in our bodies? (more than 1 option)

- a) Higher heart rate, heat edema and heat stroke.
- b) Pulmonary disease and gastritis.
- c) Exhausting, dehydration, sunburn and fainting.
- d) High fever, vomit and broken arteries.

5. Write True or False.

- ★ Extreme heat can cause heat rash. _____
- ★ Prolonged exposure to extreme heat can't cause heat exhaustion and heat cramps. _____
- ★ Prolonged exposure to extreme heat can cause death. _____
- ★ The serious health consequences of Heat usually affect more vulnerable populations such as adults. _____
- ★ Heat and Temperature are the same. _____
- ★ Temperature is a physical property of matter that quantitatively expresses hot and cold. _____
- ★ Temperature is measured with a thermometer. _____
- ★ Temperature isn't the representation of thermal energy. _____

6. What is Temperature? (More than 1 option)

- a) It is a sequence of waves of pressure.
- b) It is a physical property of matter that quantitatively expresses hot and cold.
- c) It is a measure of how hot or cold something is.
- d) All of them.

7. What is the Temperature measured with?

- a) Microscope.
- b) Thermometer
- c) Scale
- d) All of them.

7. Select the differences between HEAT and TEMPERATURE in the Comparison Chart.

- It is a form of energy.
- It is a thermal condition of body.
- It is measured in joules.
- It is measured in Kelvin.
- It is determined by a thermometer.
- It is not determined directly by an instrument.

HEAT	TEMPERATURE