

For following set of questions select your answer from; Conduction, Convection or Radiation.

Question 1

What method of heat transfer occurs mainly in solids?

Question 2

What method of heat transfer can occur in a vacuum?

Question 3

What method of heat transfer occurs when particles with a lot of energy take the place of those with less?

Question 4

What method of heat transfer do we see in our weather patterns?

Question 5

During a house fire, the smoke and flames rise up, but the air down near the floor is cooler and less smoky. This is an example of

Question 6

When a metal spoon with a temperature of 20°C is placed into a cup of water with a temperature of 90°C the spoon will heat up. This is an example of:

Question 7

The transfer of heat between substances that are in direct contact with each other is called what?

Question 8

This type of heat transfer transfers heat in all directions.