

class-9

Sub - Science.

Topic

Matter in our Surroundings.

Latent heat $\rightarrow$

The hidden heat which breaks the force of attraction between the molecules is known as the Latent heat.

Latent heat of fusion $\rightarrow$

The heat energy required to convert 1 Kilogram of a solid into liquid at atmospheric pressure, at its melting point is known as the latent heat of fusion.

Boiling Point $\rightarrow$

The Temperature at which a liquid starts boiling at atmospheric pressure is called its boiling point. Boiling point of Water is 100°C .

Latent heat of Vaporisation $\rightarrow$

The heat energy required to convert 1 kg of liquid into gas, at atmospheric pressure, at its boiling point, is known as the Latent heat of Vaporisation.

Condensation $\rightarrow$ The Process in which a gas on cooling turns into a liquid at a specific temperature is called Condensation.

Q.(1) How latent heat of Vaporisation is used to run trains and machines?

Q.(2) Why ice is rubbed on the burnt part of the skin?