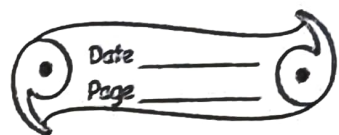


H.W.
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CH-2



Q1 Define temperature. Explain the units of temperature.

Ans The temperature is defined by choosing two reference ~~tem~~ temperature and dividing the difference between these two temperature into a certain number of division. The different units to measure temperature are represented by different scales of temperature.

Q2 What do you mean by ice point and steam point?

Ans Ice ~~point~~ point refers to the freezing point

if water - equal to 0°C (32°F), at which pure water and ice are in equilibrium.

Steam point refers to the boiling point of pure water - 100 degree celsius at which water and vapour are in equilibrium.

Q3 One degree on celsius scale is equal to ---- degree on Fahrenheit?

Ans In the celsius scale there are 100 degrees between the freezing point and the boiling point of water compared to 180 degrees in the Fahrenheit scale. This means that $1^{\circ}\text{C} = 1.8^{\circ}\text{F}$.