

HOME ASSIGNMENT - 09/07/21

→ PHYSICS.

Q1) Vaporization: The process of change of liquid to vapours on heating.

Boiling Point: The temperature at which a liquid starts changing into vapours or gas at constant temperature.

Q2) (a) Boiling

(b) Vaporization

Q3) * Air movement

* Temperature.

* Exposed surface area.

Q4) wet clothes dry more quickly because the rate of evaporation is higher on a warm day compared to a humid day.

Q5) The more volatile liquids like alcohol and spirit evaporate easily hence they are stored in tightly closed bottles to avoid their evaporation.

Q6) Heat is required for evaporation of a liquid. This heat is taken from the surroundings, thus cooling the surroundings.

Q7) The water kept in an earthen pot seeps into the small pores in the pot and evaporates from the surface of the pot. The heat required for evaporation is taken from water inside the pot, thus cooling the water stored inside. This is the reason.