Home assignment

1. Explain the term vapourization and boiling point.

⇒ The process of change of liquid to vapour on heating is called vapourization .... This heat supplied is being used to change the state of the substance from liquid to vapour. The temperature at which a liquid starts changing into vapour the temperature at which a liquid starts changing is called boiling point.

2. A liquid ~~state~~ can change into vapour state.

a) at a fixed temperature, and

b) at all temperature.

Name the posseses involved in the two cases.

⇒ b) is evaporation

The process involved in two cases is vaporisation on boiling.

3. State the factor which affect the rate of Evaporation of a liquid.

⇒ temperature of the liquid. A cup of hot water will evaporate more quickly than a cup of cold water

- exposed surface area of the liquid.
- Concentration of the evaporating substance in the air.

4. wet clothe dry more quikly on a warm dry day than on a cold humid day. Explain.

⇒ Wet ~~clothed~~ clothes dry more ~~quikel~~ quickly on a warm day than on a cold humid day.... clothes ~~day~~ dry more quickly on a warm day than one a cold humid day. because the rate of ~~evaporation~~ is directly proportional to temprature.

5. Why are volatible liquid such as alcohol and spirit stored in tightly closed bottle?

= The more volatile liquids like ~~alchol~~ alcohol and spirit evaporate easily, hence they are stored in tightly closed bottle. to avoid evaporation.

6 ~~Why is cooling produced on evaporation~~

6. Heat is required.

7. The water kept in an earthen pot seeps into the small pores in the pot and evaporates from the surface of pot.