



DOON PUBLIC SCHOOL

(C.B.S.E. Affiliation No. 1030502)

Class 9th

session 2021-22

chapter 1

worksheet 2

Topic - Evaporation & unit of Temperature

holiday homework

Question 1.

Which condition out of following will increase the evaporation of water ?

- (A) increase in temperature of water
- (B) decrease in temperature of water
- (C) less exposed surface area of water
- (D) adding common salt to water

Question 2.

During summer water kept in an earthen pot

become cool because of phenomenon:

- (A) diffusion (B) transpiration
(C) evaporation (D) osmosis

Question 3.

Define following-

- (A) sublimation
(B) Latent heat of vaporization
(C) Humidity

Question 4.

Write two substances which show sublimation.

Question 5.

Match the physical quantity in column a to their SI unit given in column b .

A

- (i) Pressure
(ii) temperature
(iii) density
(iv) mass

B

- cubic metre
kilogram
Pascal
kelvin

(V)volume

Kilogram per cubic metre

Question 6.

Convert the following temperature to the Celsius scale -

- (a) 450 K
- (B)390 K
- (C) 273 K

Question 7.

Convert the following temperature into Kelvin scale

- (a) 22 degree Celsius
- (B) 100 degree Celsius
- (C)- 23 degree Celsius

Question 8.

What is evaporation ? state various factor which affect evaporation .



Question 9.

Why do we feel cold after taking a hot bath ?

Question 10.

Naphthalene balls disappear after some time without leaving any Residue behind . give reason

Question 11.

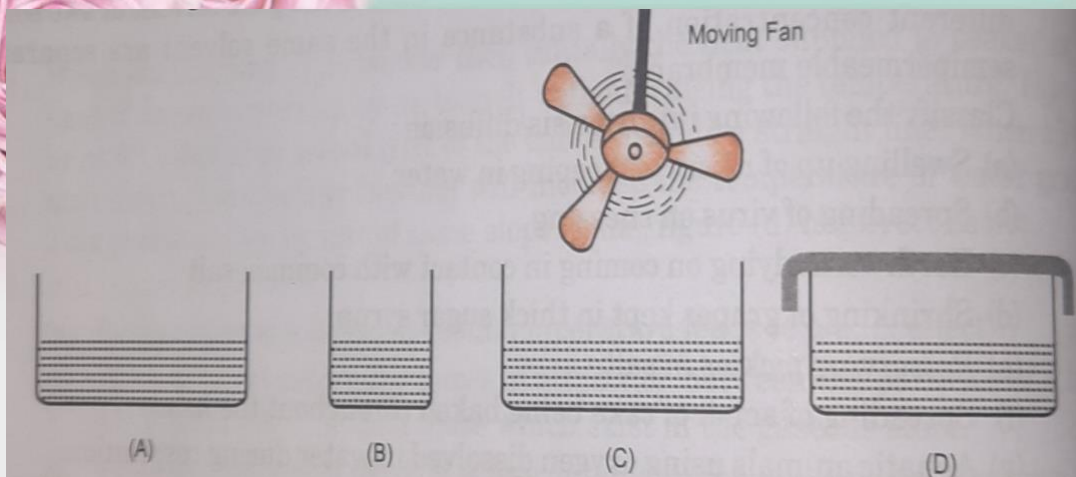
Write the Difference between evaporation and boiling.

Question 12.

Why does our Palm feel cool when we put some Acetone or petrol on it.

Question 13.

Look at figure that is given below in which of the vessels A B C or D the rate of evaporation will be highest explain.



Question 14.

State the observation and conclusion for the following activity -
when ammonium chloride is heated .

