

GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ

SESSION-2020-21

CLASS-8 (A, B, C, D & E)

SUBJECT-PHYSICS

ASSIGNMENT-1

Instructions for the E learn assignment : The parents to ensure that their ward watches the video instructions for this assignment by clicking on the given link : <https://youtu.be/yItQlZMt7L0> . She should revise the lesson given in the book and work on the given assignment .The completed assignment is to be downloaded and filed/pasted in the subject file /copy and kept ready for the submission. The day, date and procedure of submission shall be notified later.

Topic – Change of State of Matter

Q1. Answer the following questions:

- (a) Define:-
 - (i) Sublimation
 - (ii) Freeze-drying
- (b) Explain any one example of desublimation.
- (c) Why metals have higher boiling points than nonmetals?
- (d) What is the use of dry ice?

Q2. Fill in the blanks:-

- (a) Desublimation is also called.....
- (b) Boiling occurs at a..... temperature.
- (c) The water vapour in air condenses in.....
- (d) Solid carbon dioxide is also called.....

Q3. State true or false:-

- (a) The opposite process of sublimation is deposition.
- (b) A gas can be liquefied under pressure.

(c) Water vapour never changes directly into ice.

Q4. Choose the correct option:-

(a) Energy is..... (absorbed /released) during melting.

(b) The average energy of the particles of a liquid (increases/ decreases)during evaporation.

(c) When a liquid changes into a vapour at a temperature lower than the boiling point of the liquid, the process is called.....(boiling/ evaporation).

Q5. Answer in detail:-

Distinguish between evaporation and boiling.

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