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MATTER

CHAPTER NO.1

SUB: PHYSICS

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LEARNING OUTCOMES

- **Students will be able to** :
- Define sublimation.
- Explain sublimation by molecular model.
- Differentiate between sublimation and deposition.

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POINTS TO BE COVERED

- Sublimation
- Explanation of sublimation by the molecular model.

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INTRODUCTION

- Define evaporation.
- What are the applications of evaporation?
- Differentiate between evaporation and boiling.

SUBLIMATION

Sublimation: The process by which a solid when heated directly changes into its vapour without changing into liquid.

- https://youtu.be/sDeCg6FNuPg

DEPOSITION

- It is a process when a vapour or gas on cooling changes directly into a solid without changing into liquid.
- Explain sublimation by molecular model.
- Answer the following questions:
- What do you mean by sublimation? Explain with an example.
- Why does the size of naphthalene ball decrease when left open?

HOME ASSIGNMENT

- Exercise:B- 28,29,30.

THANKING YOU

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