

# CHEMISTRY

## IX

1. Solve NCERT exercise of L-1 in notebook.

2. Write the following activities in practical file from lab manual :

Experiment no. 1 , 2 , 3 as discussed in the classroom

<u>Experiment no.</u>	<u>Page no.</u>
1	<u>9</u>
2	<u>19</u>
3	<u>26</u>

3. SOLVE THE FOLLOWING QUESTIONS IN NOTEBOOK:

Q.1 What is dry ice?

Q.2 what is full form of CNG and LPG?

Q.3 What is latent heat?

Q.4 Why light is not considered as a matter?

Q.5 Convert the following thermometer readings into Kelvin: C°C (b)200°(a) - 100

Q.6 Define the term sublimation? Write the names of any two substances which sublime.

Q.7 Give reason: (a) Gases exert pressure on the walls of the container. (b) Evaporation causes cooling.

Q.8 Why it is advised to put wet clothes strips on the forehead of a person suffering from high fever?

Q.9 Differentiate between evaporation and vaporization.

Q.10 Which phenomenon occurs during the following changes? (i) Formation of clouds, (ii) Drying of wet clothes, (iii) Wax melts in the sun, (iv) Size of naphthalene balls decreases.

# BIOLOGY

**A. Draw the following diagrams from NCERT in notebook:**

Figure No.	Page no.	Figure No.	Page No.
6.3	70	6.4	71
6.5	72	6.7	73
6.10	76	6.11	77

6.12	78		
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**B. Solve the following questions in notebook**

1. Describe the structure and functions of cork.
2. Explain the types of meristmatic tissues and their functions.
3. Compare meristmatic and permanent tissue?
4. Write the features of parenchyma tissue.
5. Explain the types of parenchyma tissue and their functions.
6. Differentiate the structure and functions of xylem and phloem.

**C. Write following practical activities in practical file**

1. Preparation of stained temporary mounts of (a) onion peel, (b) human cheek cells & to record observations and draw their labeled diagrams.
2. Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals, from prepared slides. Draw their labeled diagrams.

**D. PREPARE A A3 SIZE POSTER ON ANY ONE OF THE FOLLOWING TOPICS:**

- a. GLOBAL WARMING
- b. POLLUTION
- c. NO TO PLASTIC
- d. CONSERVATION OF WATER
- e. BIODIVERSITY