

22.7.24

TENDER HEART HIGH SCHOOL, SEC-33B, CHD

CLASS - VIII

SUBJECT - CHEMISTRY

CHAPTER - 6

TEACHER - ANAMIKA

Good morning to all the students!

Students this lesson is of class - VIII for the subject of chemistry. Topic:- 'Properties of Hydrogen' differ from those of Alkali metals and Halogens which is covered in chapter - 6. 'Study of the first element - Hydrogen' starting on page no - 98 of your text book titled - 'Concise Chemistry' by 'Safina Publication' and is being submitted to you.

All students may now please open page no - 98 of your notebook in front of you.

If all students are ready then let us start with this chapter. All students may now please listen carefully.

Properties of Hydrogen differ from those of Alkali Metals and Halogens:-

1. Alkali metals and halogens have two or more shells whereas hydrogen has only one shell.
2. Oxide of hydrogen $H_2O \rightarrow$ Neutral nature
 Oxides of Alkali metals Na_2O, K_2O etc $\rightarrow$ Basic nature
 Oxides of Halogens Cl_2O, Cl_2O_7 etc $\rightarrow$ Acidic nature.
 (P.T.O)

CLASS - VIII

SUBJECT - CHEMISTRY

CHAPTER - 6

TEACHER - ANAMIKA

Students, now we will discuss the next topic of this chapter which is 'Discovery And Occurrence'.

DISCOVERY AND OCCURENCE :-

Hydrogen was discovered by Henry Cavendish. He called it inflammable air because of its combustible nature.

In free state hydrogen is found in very small amounts in the earth's crust, in earth's atmosphere and volcanic gases. It is present in large amounts in the Sun's atmosphere.

In the combined state hydrogen is present in plant & animal tissues. It is also present in many compounds like acids, alkalis, hydrocarbons, carbohydrates, proteins, sugar, starch and petroleum products.

Next, we will discuss the topic which is 'Preparation of Hydrogen'.