

TENDER HEART HIGH SCHOOL, SEC-33B, CHD.

CLASS - VII

CHAPTER - 6

SUBJECT - CHEMISTRY

TEACHER - ANAMIKA

11.11.24

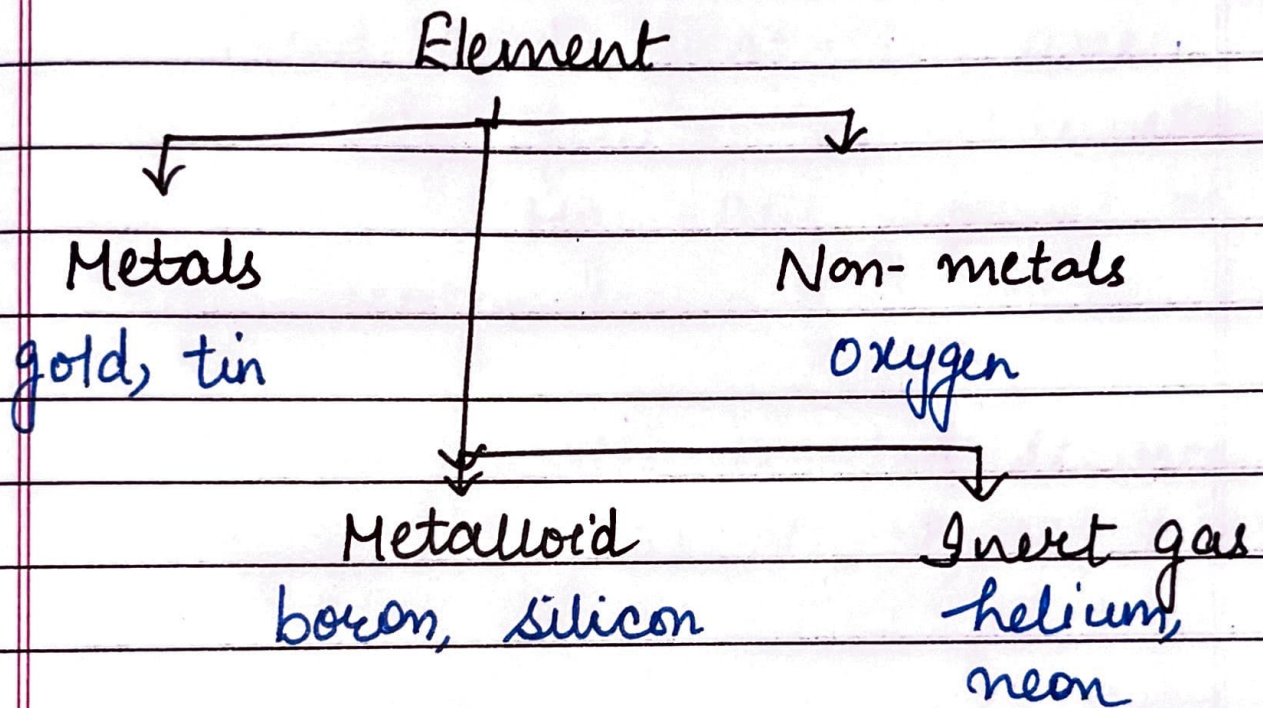
There are million of substances in this world, but they are made up of a limited number of basic substances called element.

There are elements like gold, silver, iron etc. they are commonly used in making jewellery, utensils and various other tools and are called metal. There are elements like oxygen, hydrogen and nitrogen etc. They are essential for the growth and survival of all living beings and are called non metal.

The earth's crust is a major source of these elements. Some of them are in abundant

while some are present only in little amount.

Classification of Element



Metals:- For example:- Gold, silver, platinum etc.

The knowledge of metal is very old to mankind. Cu is first metal used by man for making utensils, weapons and other object.

Occurrence of Metals:-

Metals occur in nature in both free and combined state

Gold and platinum are exclusively found in free state
Cu, Ag, Hg are found in free state

Sea water is also source of metal such as Na, K, Mg and Ca

Non-metals:-

They are very less in number in comparison to metals
They are H_2 , O_2 , N_2 , C, F_2 , Cl_2 etc.

They play vital role in everyday life. We need oxygen to breathe and for respiration. Proteins, carbohydrates and fats are important food

nutrient.

Occurrence of Non-metal:-

- It occurs in earth's crust as combined form.
- Mostly they found in earth's crust is Oxygen.
- N_2 form 78% of air in free state and is most abundant element of air.