

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

CLASS - VIII

SUBJECT - CHEMISTRY

CHAPTER - 4

TEACHER - ANAMIKA

Q:-1 State the type of Bonding in the following molecule:-

- Water
- Calcium oxide
- Hydrogen Chloride

Ans:- a) Polar Covalent Bond
b) Electrovalent/ Ionic bond
c) Polar Covalent Bond

Q:-2 Taking $MgCl_2$ as an example of electrovalent bond and CCl_4 as an example of a Covalent bond, give a difference between electrovalent and Covalent bond.

Ans:-	Electrovalent	Covalent bond
1.	The bond is formed between Metal and Non-metal	1. The bond is formed between two non-metals.
2.	The force of attraction is strong.	2. The force of attraction is weak.
3.	Formed by transfer of e^-	3. Formed by mutual sharing of e^- .

Q3 Identify the following Reaction as either oxidation or reduction.



Ans:-

(i) Reduction

(ii) Oxidation

(iii) Reduction

(iv) oxidation