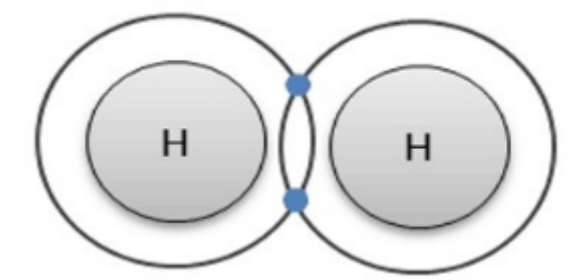


SSLC-CHEMISTRY

Readiness Class-03

1. Observe the picture.



The chemical bond formed by the sharing of electron is known asbond.



Here Magnesium loses electrons. This is known as

(Reduction , Oxidation)

3. Among the following, which one is the correct Oxidation equation of Aluminium ?

- a) $\text{Al} \longrightarrow \text{Al}^{+} + 1\text{e}^{-}$
- b) $\text{Al} \longrightarrow \text{Al}^{2+} + 2\text{e}^{-}$
- c) $\text{Al} \longrightarrow \text{Al}^{3+} + 3\text{e}^{-}$

4. The oxidation numbers of some elements are given below. Form the molecular formula of following compounds

Element	Oxidation number
Mg	2
Al	3
Cl	1
Ca	2
O	2

a) Aluminium Chloride

b) Magnesium Chloride

c) Calcium Oxide

5. Draw the picture of Methane (CH₄) molecule (covalent bond) .
