**BLOG WORKSHEET**

**CHEMISTRY CLASS 9**

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Q.1 Choose the best answer:

1. Look at the pictures and find out the correct sequence in the given table.

 

|  |  |  |  |
| --- | --- | --- | --- |
|  | Mixture  | Molecule of Elements | Molecule of compounds |
| ABCD | XZWZ | YXXW | ZYYX |

1. Which diagram represents the structure of the sodium Chloride?

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 **A B C D**

1. Which is **TRUE** about the compound formed on combining an Alkali Metal with the Halogen element chlorine to form the metal chloride?
* the solution of it in water conducts electricity
* the solid conducts electricity
* insoluble in water
* is an ionic compound
1. I is only
2. I and II only

C. I, II and III only

 D. I an IV only

1. How does a magnesium atom form a bond with an oxygen atom?
2. by giving one pair of electrons to the oxygen atom
3. by sharing one pair of electrons, both electrons provided by the magnesium atom
4. by sharing two pairs of electrons, both pairs provided by the oxygen atom
5. by sharing two pairs of electrons, each atom donating one pair of electrons
6. The bond between two identical non-metal atoms has a pair of electrons:
7. transferred fully from one atom to another
8. equally shared between them
9. with identical spins
10. unequally shared between the two.

Q. 2. Sodium Chloride is used as common salts at homes

* Suggest the type of bonding that is present in sodium chloride.
* What is the oxidation number of sodium in sodium chloride?
* Why sodium chloride has high melting point?