

## Chemical properties of Metals

**Name:**

**Class:**

Q.1 Multiple Choice questions

**1. Which of the following is the correct arrangement of the given metals in ascending order of their reactivity?**

**Zinc, Iron, Magnesium, Sodium**

- (a) Zinc > Iron > Magnesium > Sodium
- (b) Sodium > Magnesium > Iron > Zinc
- (c) Sodium > Zinc > Magnesium > Iron
- (d) Sodium > Magnesium > Zinc > Iron

**2. Which of the following pairs will give dis-placement reactions?**

- (a)  $\text{FeSO}_4$  solution and Copper metal
- (b)  $\text{AgNO}_3$  solution and Copper metal
- (c)  $\text{CuSO}_4$  solution and Silver metal
- (d)  $\text{NaCl}$  solution and Copper metal

**3. When  $\text{MgO}$  is dissolved in water,  $\text{Mg(OH)}_2$  is obtained. The solution thus obtained is \_\_\_ in nature.**

- A. amphoteric
- B. alkaline
- C. neutral
- D. acidic

**4. A reaction in which a more reactive metal replaces a less reactive metal from its salt solution is called a/an \_\_\_\_\_ reaction.**

- A. combination
- B. displacement
- C. double displacement
- D. addition

**5. Metals, react with oxygen to form \_\_\_\_\_ oxides.**

- A. acidic
- B. neutral
- C. amphoteric
- D. basic

**6. A metal which burns in air with a dazzling white flame is**

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