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) $FeSO_4$ solution and Copper metal

(b) $AgNO_3$ solution and Copper metal

(c) $CuSO_4$ solution and Silver metal

(d) NaCl solution and Copper metal

3. When MgO is dissolved in water, Mg(OH)2 is obtained. The solution thus obtained is ___ in nature.

A. amphoteric

B. alkaline

C. neutral

D. acidic

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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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