

CHEMICAL PROPERTIES OF METALS- MCQ ASSIGNMENT

Name_____ Grade_____ Date_____

Q1) Which acid does not give hydrogen gas on reacting with metals (except Mn and Mg)?

- a) HNO_3
- b) HCl
- c) H_2SO_4
- d) H_2SO_3

Q2) Which of the following metal is not a self-protecting metal?

- a) Aluminium
- b) Iron
- c) Zinc
- d) Lead

Q3) Aqua-regia is a freshly prepared mixture of concentrated hydrochloric acid and concentrated nitric acid in the ratio of:

- a) 2:1
- b) 1:1
- c) 1:3
- d) 3:1

Q4) Which of the following metal forms an amphoteric oxide?

- a) Cu
- b) Zn
- c) K
- d) Mg

Q5) Which of the following represents the chemical reaction of metal with dilute acid:

- a) $\text{Metal} + \text{Acid} \rightarrow \text{Carbon dioxide} + \text{Salt} + \text{Water}$
- b) $\text{Metal} + \text{Acid} \rightarrow \text{Salt} + \text{Water}$
- c) $\text{Metal} + \text{Acid} \rightarrow \text{Salt} + \text{Hydrogen}$
- d) $\text{Metal} + \text{Acid} \rightarrow \text{Carbon dioxide} + \text{Salt}$

Q6) Which metal neither reacts with water nor with oxygen?

- a) Sodium
- b) Calcium
- c) Aluminium
- d) Gold