

CHEMICAL PROPERTIES OF METALS- MCQ ASSIGNMENT

ANSWER KEY

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

- a) **HNO₃**
- b) HCl
- c) H₂SO₄
- d) H₂SO₃

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) Metal + Acid → Carbon dioxide + Salt + Water
- b) Metal + Acid → Salt + Water
- c) **Metal + Acid → Salt + Hydrogen**
- d) Metal + Acid → Carbon dioxide + Salt

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

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