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1. Volatile oxidation corrosion product of a metal is,
 - A. Fe_2O_3
 - B. MoO_3**
 - C. Fe_3O_4
 - D. FeO
2. Lower is P^H , corrosion is,
 - A. Greater**
 - B. Lower
 - C. Constant
 - D. None of above
3. Electrochemical corrosion takes place on,
 - A. Anodic area**
 - B. Cathodic area
 - C. Near cathode
 - D. Near anode
4. Chemical formula of Rust is,
 - A. Fe_2O_3
 - B. FeO
 - C. Fe_3O_4
 - D. $\text{Fe}_2\text{O}_3 \cdot x\text{H}_2\text{O}$**
5. Which of following metals could provide cathodic protection to Fe?
 - A. Al & Cu
 - B. Al & Zn**
 - C. Zn & Cu
 - D. Al & Ni
6. Smaller the grain size, corrosion is,
 - A. Greater**
 - B. Lower
 - C. Constant
 - D. Doesn't affected
7. Process of corrosion enhanced by,
 - A. AIR & Moisture
 - B. Electrolytes in water
 - C. Metallic impurities
 - D. Gases like CO_2 & SO_2
 - E. All of above.**

8. Standard electrode potential of hydrogen is, A. 1.00 V
B. 0.00 V
C. 0.01 V
D. 0.001 V
9. Standard electrode potential of Al / Al³⁺ is, A. + 0.66V
B. - 0.66V
C. - 1.66 V
D. + 1.66 V
10. Standard electrode potential of Zn²⁺/ Zn is,
A. - 0.76 V
B. + 0.76 V
C. - 2.76 V
D. + 2.76 V