

Question 1: *Of these, the most ductile metal is _____.*

1. Al
2. Au
3. Cu
4. Ag

Answer: 2

Question 2: *Of these, the least dense metal is _____.*

1. Hg
2. Au
3. Cu
4. Na

Answer: 4

Question 3: *Of these, the most reactive metal is _____.*

1. Fe
2. Zn
3. Al
4. K

Answer: 4

Question 4: *Which of the following is displaced by 'Cu'?*

1. Fe^{2+}
2. Ag^+
3. Zn^{2+}
4. Al^{3+}

Answer: 2

Question 5: *Which of the following metals does not displace H_2 gas from dilute HCl or dilute H_2SO_4 ?*

1. Mg
2. Cu
3. Zn
4. Al

Answer: 2

Question 6: *The metal reacting readily with cold water is _____.*

1. Au
2. Ag
3. Na
4. Mg

Answer: 3

Question 7: *Of these, which metal will lose electrons most readily and form cations?*

1. K
2. Zn
3. Cu
4. Au

Answer: 1

Question 8: *Of these, which ion will get reduced most readily?*

1. K^+
2. Zn^{2+}
3. Cu^{2+}
4. Ag^+

Answer: 4

Question 9: *Of these, the metal which occurs in a free state is _____.*

1. Na
2. Mg
3. Zn
4. Pt

Answer: 4

Question 10: *Which of the following metals is extracted only by electrolysis?*

1. Zn
2. Al
3. Fe
4. Cu

Answer: 2

Question 11: *Which oxide of a metal gets reduced only by coke and not by H_2 gas or CO gas?*

1. Fe_2O_3
2. PbO
3. ZnO
4. CuO

Answer: 3