

1. Chemical Reactions and Equations

1. _____ chemical reaction is involved in the corrosion of iron.
2. _____ reaction involved when silver chloride is exposed to sunlight.
3. Rancidity is an _____ reaction.
4. The decomposition of vegetables into compost is an example of _____ reaction.
5. By painting we can prevent _____.
6. Chemical formula of rust is _____.
7. Stainless steel is a mixture of Iron with _____ and chromium.
8. Respiration is a _____ reaction.
9. Examples of Antioxidants are _____.
10. $\text{CuO} + \text{H}_2 \rightarrow \text{Cu} + \text{H}_2\text{O}$ is _____ reaction.
11. $\text{Fe}_2\text{O}_3 + 2\text{Al} \rightarrow \text{Al}_2\text{O}_3 + \text{Fe}$ ()

The above reaction is an example of

- a) Combination Reaction
 - b) Decomposition Reaction
 - c) Displacement Reaction
 - d) Double decomposition Reaction
12. The chemical equation ()
 $\text{BaCl}_2 + \text{Na}_2\text{SO}_4 \rightarrow \text{BaSO}_4 + 2\text{NaCl}$
represents following type of chemical reaction
 - a) Displacement
 - b) Combination
 - c) Decomposition
 - d) Double decomposition
 13. To decompose a compound as need. ()
 - a) Heat
 - b) Sunlight
 - c) Electricity
 - d) Anyone
 14. In the equation $\text{CuO} + \text{H}_2 \rightarrow \text{Cu} + \text{H}_2\text{O}$ reducing agent is ()
 - a) CuO
 - b) H_2
 - c) Cu
 - d) H_2O

15. Corrosion is an ____ reaction ()
 a) Oxidation b) Reduction c) Redox d) None
16. Rancidity is an ____ Reaction ()
 a) Reduction b) Oxidation c) Redox d) All
17. Rancidity is prevented by ()
 a) Antioxidants b) Painting
 c) Keeping food in air tight container d) a & c
18. Precipitate in a reaction is indicated by which arrow mark ()
 a) \uparrow b) \rightarrow c) \downarrow d) \leftarrow
19. $\text{CuO} + \text{H}_2 \rightarrow \text{Cu} + \text{H}_2\text{O}$ is ____ reaction. ()
 a) Oxidation b) Combustion c) Redox d) Substitution
20. Formula of slaked lime ()
 a) CaO b) CaCO_3 c) Ca(OH)_2 d) CaSO_4

Answers

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|--------------------------------|----------------------------|--|
| 1) Oxidation | 2) Photo Chemical Reaction | 3) Oxidation |
| 4) Oxidation (or) fermentation | 5) Corrosion | 6) $\text{Fe}_2\text{O}_3 \cdot x\text{H}_2\text{O}$ |
| 7) Carbon, Nickel | 8) Exothermic | 9) Vitamin C and E |
| 10) Redox Reaction | 11) c | 12) d |
| 13) d | 14) b | 15) a |
| 16) b | 17) d | 18) c |
| 19) c | 20) c | |