

## Chemical Reaction and Equations

- 1) (c) Atoms of new substances with entirely
- 2) (b) Process of Respiration
- 3) (d) potassium iodide
- 4) (b) Citric acid
- 5) (c) Change in temperature of mixture
- 6) (c) Process of respiration
- 7) (b) law of conservation of mass
- 8) (b) Formation of slaked lime precipitate
- 9) (b)  $4\text{NO}_2$
- 10) (c)  $\text{Zn} + \text{MgSO}_4 \rightarrow \text{ZnSO}_4 + \text{Mg}$
- 11) (c) 4 and 2 respectively
- 12) (b) a reducing agent
- 13) (b) Hard and shiny
- 14) (a) Reactant
- 15) (d) an oxidation reaction which is exothermic

17) (c) Reduction

18) (c) Oxidation as well as displacement combination

19) (d) Combination reaction as well as oxidation reaction

20) (c) Redox as well as displacement

21) (b)  $2\text{Fe}_2\text{O}_3 + 3\text{C} \rightarrow 4\text{Fe} + 3\text{CO}_2$

22) (c) ~~(a)~~ Oxidation of fatty acid

23) (d) 3, 3, 2

24) (d) All are the above

25) (a) higher tendency to oxidation