

Class 10 - Science  
Chemical Reactions and Equations

Quiz -2 (1- Mark Questions)

1. Corrosion causes -
- (a) Spoilage of food
  - (b) Black coating on silver
  - (c) Green coating on copper
  - (d) Both (b) and (c)

Ans. (d) Both (b) and (c)

2. A substance is used for white washing?
- (a) Calcium Oxide(CaO)
  - (b) Calcium Hydroxide (Ca(OH)<sub>2</sub>)
  - (c) Calcium Carbonate(CaCO<sub>3</sub>)
  - (d) None of These

Ans. (b) Calcium Hydroxide (Ca(OH)<sub>2</sub>)

3. Chemical formula of Glucose -
- (a) C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>
  - (b) C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>
  - (c) CH<sub>4</sub>
  - (d) C<sub>2</sub>H<sub>5</sub>

Ans. (a) C<sub>6</sub>H<sub>12</sub>O<sub>6</sub>

4. Respiration is the type of reaction-
- (a) Endothermic Reaction
  - (b) Exothermic Reaction
  - (c) Displacement Reaction
  - (d) None of these

Ans. (b) Exothermic Reaction

5. A substance which oxidizes itself and reduces other is known as-

- (a) Oxidizing agent
- (b) Reducing agent
- (c) Both (a) and (b)
- (d) None of these

Ans. (b) Reducing agent

6. Precipitation reactions produce -

- (a) CO<sub>2</sub>
- (b) Hydrogen Gas
- (c) Soluble salts
- (d) Insoluble salt

Ans. (d) Insoluble salt

7. Incomplete combustion of coal and petroleum -

- (A) Increases air pollution
- (B) Increases efficiency of Machine
- (C) Reduces global warming
- (D) Produce poisonous gases

Correct option is – (a) both (A) and (B)

(b) both (B) and (C)

(c) both (A) and (D)

(d) both (A) and (C)

Ans. (c) Both (A) and (D)

8.  $\text{CaO} + \text{CO}_2 \rightarrow \text{CaCO}_3$  is a type of reaction -

- (a) Combination Reaction
- (b) Decomposition Reaction

- (c) Displacement Reaction
- (d) None of these

Ans. (a) Combination Reaction

9. How can we prevent Iron from rusting -

- (a) By oiling and greasing
- (b) By Painting
- (c) By alloying
- (d) All of these

Ans. (d) All of these

10. How can we prevent food from rancidity -

- (a) By oxidizing it
- (b) By applying proper water
- (c) By applying antioxidants
- (d) None of these

Ans. (c) By applying antioxidants