

Redox Reactions and Electrode Processes

MCQs with FREE PDF

1. Breakdown of hydrogen peroxide into water and oxygen is an example of _____

- a) combination
- b) decomposition
- c) disproportionation
- d) double decomposition

Answer: disproportionation

2. Displacement reaction is of two types.

- a) true
- b) false

Answer: true

3. $X + YZ \rightarrow XZ + Z$ is a form of _____

- a) combination reaction
- b) displacement reaction
- c) disproportionate reaction
- d) decomposition reaction

Answer: displacement reaction

4. Can ClO_2^- exhibit disproportionation reaction?

- a) may be
- b) yes
- c) no
- d) cannot say

Answer: no

5. $2\text{F}_2 + 2\text{OH}^- \rightarrow 2\text{F}^- + \text{OF}_2 + \text{H}_2\text{O}$ is a type of _____

- a) combination reaction
- b) displacement reaction
- c) disproportionate reaction
- d) decomposition reaction

Answer: disproportionate reaction

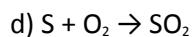
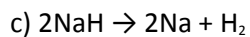
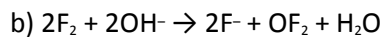
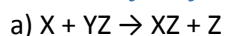
6. $2\text{NaH} \rightarrow 2\text{Na} + \text{H}_2$ is an example of a combination reaction.

- a) True

b) False

Answer: False

7. Which of the following reaction is a combination reaction?



Answer: $S + O_2 \rightarrow SO_2$

8. $S + O_2 \rightarrow SO_2$ is an example of _____

a) combination

b) decomposition

c) disproportionation

d) double decomposition

Answer: combination

9. $2H_2O \rightarrow 2H_2 + O_2$ is an example of _____

a) combination

b) decomposition

c) disproportionation

d) double decomposition

Answer: decomposition

10. The exchange of salt between zinc and copper is an example of _____

a) combination

b) decomposition

c) disproportionation

d) displacement

Answer: d) displacement