

Open - Book Test

- Q 1 Identify the type of each of the following reactions, and write balanced chemical equation for the each reaction.
- A reaction in which the reaction mixture becomes warm.
 - A reaction in which an insoluble substance is formed.

Q 2. 2 g of silver chloride is taken in a china dish and the china dish is placed in sunlight for sometime. What will be your observation in this case? Write the chemical reaction involved in the form of a balanced chemical equation. Identify the type of chemical reaction.

Q 3 (a) Can a displacement reaction be a redox reaction? Explain with the help of an example.

(b) Write the type of chemical reaction in the following

- Reaction between an acid and base
- Rusting of iron.

Q 4 A compound X which is prepared from gypsum has the property of hardening when mixed with proper quantity of water.

(a) Identify X and write chemical formula

(b) State the difference in chemical composition between baking soda and baking powder.

Q 5 Define following terms

1) Ore 2) Minerals 3) Gangue.

Q 6. Explain electrolysis of Copper with well labelled diagram.