

Assignment

Date _____

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MCQ's

- 1) One of the following does not happen during a chemical reaction. This is -
- (a) Atoms of one element change into those of another element to form a new product.
- 2) Which of the following does not involve a chemical reaction?
- (a) Melting of candle wax on heating
- 3) You are given the solution of lead nitrate. In order to obtain a yellow precipitate, you should mix it with a solution of -
- (d) Potassium iodide
- 4) An acid which can decolorize purple colour potassium permanganate solution is -
- (b) Citric acid
- 5) The chemical reaction between quicklime and water is characterized by (b) formation of slaked lime ppt.

6) One of the following is an exothermic reaction. This is-

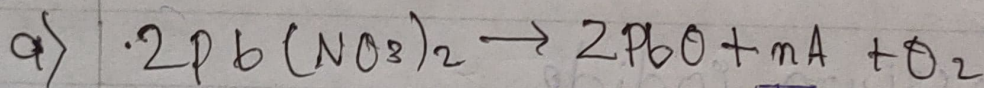
(c) Process of respiration.

7) The chemical equations are balanced to satisfy one of the following laws in chemical reactions. This law is known as -

(b) law of conservation of mass.

8) The chemical reaction between Quicklime and water is characterized by -

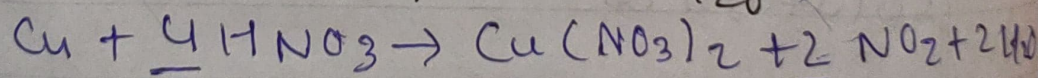
(b) formation of slaked lime precipitate.



(b) 4NO_2

$4\text{NO}_2 \rightarrow \text{Brown gas}$

10) The equation - $\text{Cu} + x\text{HNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + y\text{NO}_2 + 2\text{H}_2\text{O}$



(c) 4 and 2 respectively.

11) When the gases SO_2 and H_2S mix in the presence of water, the reaction occurs here is acting as - $\text{SO}_2 + 2\text{H}_2\text{S}$
 $\rightarrow 2\text{H}_2\text{O} + 3\text{S}$

(b) a reducing agent

13) The layer on iron nails when they are dipped in CuSO_4 solution is -

(c) hard and dull.

14) The ^{new} substances formed during chemical reaction are known as -

(c) Product.

15) The substances which combine or react are known as - (c) Product.

(d) ~~an oxidation reaction which is exothermic~~

16) The process of respiration is -

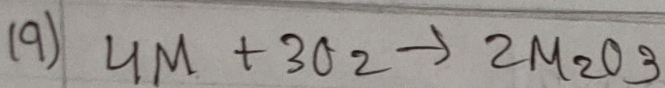
(d) an oxidation reaction which is exothermic

17) In the context of redox reactions, the removal of hydrogen from a substance is known as -

(a) Oxidation.

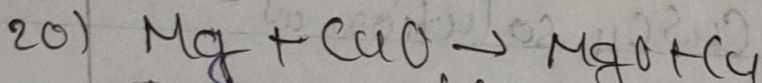
18) The chemical reaction involved in the corrosion of iron metal is that of -

(c) Oxidation as well as combination.



This equation represents -

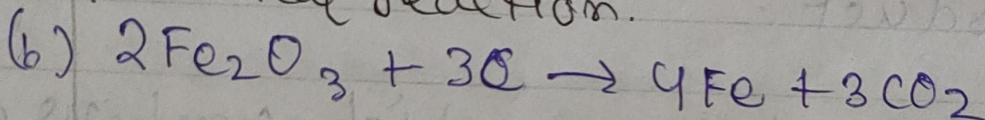
(a) combination reaction as well as oxidation reaction.



This equation represents -

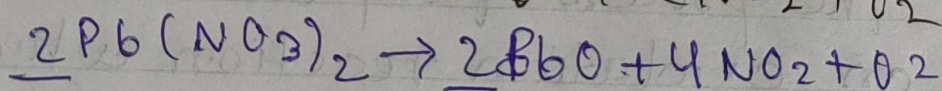
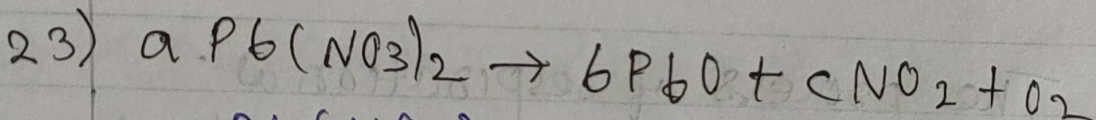
(e) Redox reaction as well as displacement reaction.

21) which of the following is a balanced chemical reaction.



22) The term rancidity represents -

(b) Oxidation of fatty food.



(a) 2, 2, 4.

24) Corrosion can be prevented by -

(a) Alloying (b) Tinning & (e) Galvanizing.

25) As compared to iron, Aluminium ~~is~~

has -

(a) Higher tendency to oxidise.