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1. One of the following does not happen during a chemical reaction. That is:

A (c) Atoms of one element change into those of another element to form new product

2. Which of the following does not take place in a chemical reaction?

A (d) Melting of candle wax on heating

3. You are given the solution of lead nitrate. In order to obtain a yellow precipitate you

A mix it with a solution of
A (d) Potassium iodide

4. An acid which can decolorize purple colored potassium permanganate solution is:

A (b) citric acid

5. The chemical reaction between quick lime & water is characterized by:

A (c) change in temp of mixture

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

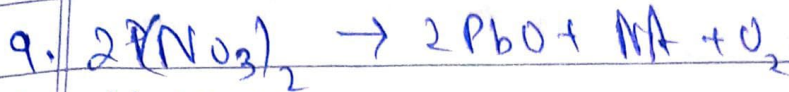
A (b) Combination of nitrogen & O_2 to form nitrogen monoxide.

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

A (b) law of conservation of mass

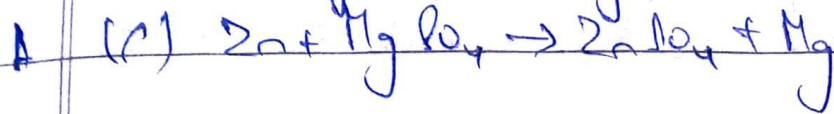
8. The chemical reaction between quick lime & water is characterized by.

A (c) change in temp of mixture



A (b) $4NO_2$

10. Which of following reaction will not take place?



11. The equation $Cu + XHNO_3 \rightarrow Cu(NO_3)_2 + YNO_2 + 2H_2O$, the value of X & Y are:

A (c) 4 & 2 respectively

12. When the gases sulphur dioxide & hydrogen sulphide mix in the presence of water, the reaction $SO_2 + 2H_2S \rightarrow 2H_2O + 3S$ occurs. Here hydrogen sulphide is acting as:

A (b) a reducing agent

13. The layer on iron nails when they are deposited in copper sulphate solution is

A (a) hard & dull

14. The substance which combines or react are known as

A (a) Reactants

15. The new substance formed during chemical reaction

17. It is known as
A (c) product

18. The process of respiration is
A (d) an oxidation reaction which is exothermic

19. In the context of redox reaction, the removal of hydrogen from a substance is known as
A (a) Oxidation

20. The chemical reaction involved in the corrosion of iron metal is that of:
A (c) Oxidation as well as combination

21. $Mg + 3O_2 \rightarrow 2MgO_3$ This equation represents
A (d) combination reaction as well as oxidation reaction.

22. $Mg + CuO \rightarrow MgO + Cu$. This equation represents
A (c) redox reaction as well as displacement reaction.

23. Which of the following is a balanced chemical equation?

A (b) $2Fe_2O_3 + 3C \rightarrow 4Fe + 3CO_2$

22. The term rancidity represents

A (c) Oxidation of fatty food

23. A $Pb(NO_3)_2 \rightarrow 2PbO + c NO_2 + d O_2$

a, b, c, in the above balanced equation is

A (a) 2, 2, 4

24. Corrosion can be prevented by:

A (d) All of the above

25. Al compare to Iron, Aluminium has:

A (b) less tendency to oxidize