

WORKSHEET : 1

1. One of the following does not happen during a chemical reaction. This is -

A) (c) Atoms of one element change into those of another element

2. Which of the following does not involve a chemical reaction?

A) Process of respiration

3. You are given the solution of lead nitrate. In order to obtain a yellow precipitate you should mix it with a solution of -

A) Potassium chromate

4. An acid which can decolourize purple coloured potassium, permanganate solution is,

A) Hydrochloric acid.

5. The chemical reaction bet quick lime and water is characterized by -

A) evolution of hydrogen gas.

6. One of the exothermic reaction this is -

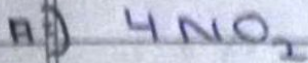
A) Process of respiration

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

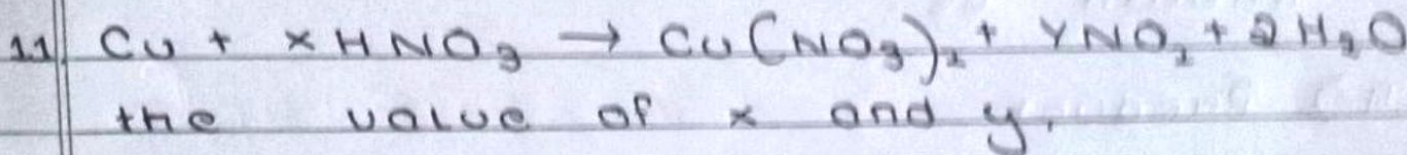
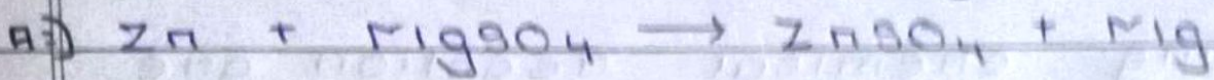
A) Law of conservation of mass.

8. The chemical reaction bet Quick lime and water is character-
-ised by -

A) Evolution of hydrogen gas,



10. Which of the following reaction will not take place?



A) 4 and 2 respectively.

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

A) a reducing agent.

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

A) Soft and dull.

14. The substances which combine or react are known as -

A) Reactant

15. The new substances formed during a chemical reaction are known as -

A) Product

16. The process of respiration is -

A) Catalytic

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

A) Oxidation

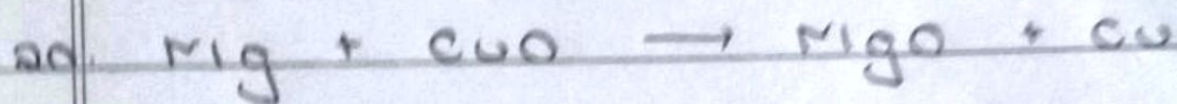
18. The chemical reaction involved in corrosion of iron metal is that of -

A) Oxidation as well as combination

19. The chemical equation.



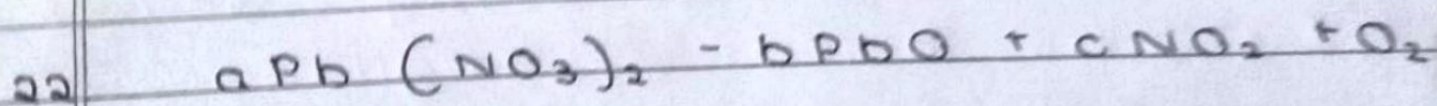
a) Combination reaction as well as oxidation reaction.



a) Redox reaction as well as displacement reaction.

21. The term rancidity represents.

a) Oxidation of fatty food.



a) 2, 2, 4

23. Corrosion can be prevented by.

a) All of the above

25. As compare to iron, Aluminium has.

a) Higher tendency to oxidise.