**SYMBIOSIS SCHOOL, NASHIK**

**STD :X TERM –I (2020-21)**

**CHEMISTRY: (L-1,2) REVISION WORKSHEET -1 MM : 25**

**1X8=8**

1 .Write chemical equation for the reaction, aluminium reacts with ferric oxide to form

aluminium oxide and iron.

2. Identify the oxidizing agent and reducing agent in the given chemical equation

CuO + H2 🡪 Cu +H2O.

3. What are olfactory indicators ?

4. Balance the given chemical reaction : Al + HCl 🡪 AlCl3 + H2.

5. State the colour change when iron nail is exposed to air and moisture for few days. Name the

substance formed.

6.What colour change do we observe when soap is applied on a wet cloth having a patch of

turmeric stain ?

7. How one can prevent food from becoming rancid?

8. Give examples of two synthetic indicators .

**3X4=12**

9. A, B ,C and D are the elements which undergo chemical changes according to the following

equations:

1. A + BC 🡪 AC + B
2. A + B 🡪 C
3. AB + CD 🡪 AD + CB.

State the type of reaction taking place in the above chemical equations

10. State What happens when :

a) A piece of Magnesium metal is placed in Copper sulphate solution

b) Zinc Dust is added to aqueous solution of sodium hydroxide

c) Sodium bicarbonate is added to dil hydrochloric acid.

11. On heating a white colour powder of lead nitrate in boiling tube, a crackling sound is heard

And a brown gas ‘X’ is evolved.

a) write the balanced chemical equation for the reaction.

b) Identify the brown gas’X’ evolved

c) State the type of reaction.

12. Justify the given statements

a) Magnesium ribbon should be cleaned before burning in air.

b) Silver articles become black after sometime when exposed to air.

c) Potato chips packets are flushed with N2 gas .

**5X1=5**.

13. a) State any two physical properties and two chemical properties of:

a) acids. b) bases.

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