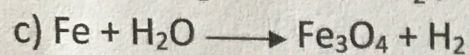
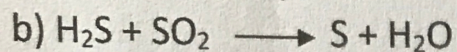
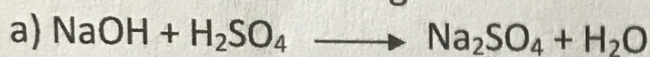
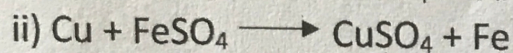
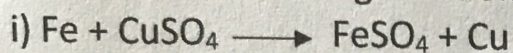


(A.) Chemical reactions and equations:

1. Balance the following:



2. Consider the following reactions:



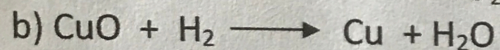
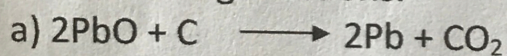
Which of these two reactions will take place and why?

3. Write characteristics of chemical reactions.

4. What is corrosion? How it can be prevented?

5. Oil and fat containing food items are flushed with nitrogen. Why?

6. Identify the substance oxidised, the substance reduced, oxidising agent and reducing agent in the following reactions:



7. Define and give examples of different types of chemical reactions.

Life Processes:

1. Name the product and by product of photosynthesis.

2. What are the raw materials of photosynthesis?

3. Name the products of photolysis of water.

4. Draw neat labelled diagram of the following:

i) Human digestive system

ii) Human heart

iii) Human kidney

iv) Human excretory system

v) Nephron

PROJECT WORK:

With the help of an activity explain mechanism of inspiration and expiration.

(C) **ART INTEGRATED PROJECT: STATE -TAMILNADU**

(D) **MDP:** i) Write in detail Agricultural tools used in Tamilnadu

ii) Organic Farming in Tamilnadu