

**PSBB LEARNING LEADERSHIP ACADEMY**

**SCIENCE STANDARD VIII**

**MID TERM REVISION 2 WORKSHEET**

I. WRITE THE BALANCED CHEMICAL EQUATION:

- a) Reaction between calcium and sulphuric acid.
- b) Reaction between iron and copper sulphate.
- c) Reaction between potassium and water.

II. COMPLETE THE FOLLOWING REACTION AS BALANCED CHEMICAL EQUATION:

- a) \_\_\_\_\_ + HCl  $\longrightarrow$  \_\_\_\_\_ + H<sub>2</sub>
- b) Na + H<sub>2</sub>O  $\longrightarrow$  \_\_\_\_\_ + \_\_\_\_\_
- c) \_\_\_\_\_ + AgNO<sub>3</sub>  $\longrightarrow$  \_\_\_\_\_ + Ag
- d) Zn + \_\_\_\_\_  $\longrightarrow$  ZnCl<sub>2</sub> + Cu

III. DEFINE THE FOLLOWING:

- a) Galvanisation
- b) Rusting

IV. ANSWER THE FOLLOWING:

- 1. With the help of two examples, explain how electroplating process is useful to us.
- 2. What will happen when
  - (i) Calcium is reacting with dil. HCl.
  - (ii) Magnesium burns in air.