

**STD 10. Chemistry Assignment- 13**

**Topic – Acids ( Part 2 )**

1. **Write the notes discussed in the video in your classwork copy and then proceed to do the questions given below.**
2. **Name the gas evolved in each of the following:**
  - a) **When Sodium hydrogen Carbonate is treated with acetic acid.**
  - b) **Magnesium metal is treated with dilute hydrochloric acid.**
  - c) **When dilute sulphuric acid reacts with a metallic sulphide.**
  - d) **When Sodium sulphite reacts with dil.nitric acid.**
- 3 . **Write balanced chemical equations for :**
  - a) **Iron + dil. Sulphuric acid**
  - b) **Copper (II) Oxide + Dil. Hydrochloric acid**
  - c) **Calcium bicarbonate + Dil nitric acid**
  - d) **Sodium bisulphite + Dil hydrochloric acid**
  - e) **Zinc sulphide + Dil. Sulphuric acid**
- 4 . **Solution A is sodium hydroxide solution .  
Solution B is a weak acid .  
Solution C is Dil. Sulphuric acid .  
Which solution will**
  - a) **Liberate Sulphur dioxide from sodium sulphite ?**
  - b) **Give a white precipitate with zinc sulphate solution?**
  - c) **Contain solute molecules and ions**
5. **What is neutralisation reaction. Give an example .**