

**Topic : Salts Part 3**

1. Salt A commonly used in bakery products on heating gets converted to another salt B which itself is used for the removal of hardness of water and gas C is evolved. The gas C when passed through lime water , turns milky. Identify A, B and C. Also write the balanced chemical equation involved.
2. Write a balanced equation for the preparation of each of the following salts :
  - (a) Copper sulphate from Copper carbonate.
  - (b) Zinc carbonate from Zinc sulphate.
3. Give an example of a salt of :
  - (a) A strong base and a weak acid.
  - (b) A weak base and a strong acid.
  - (c) A strong acid and a strong base.
4. Outline the steps that would be necessary to convert insoluble lead (II) oxide into insoluble lead chloride.