

Topic : Bases Part 1

1. **Write down all the notes discussed in the video neatly in your Classwork copy.**
2. Lead (IV) Oxide is not considered a base . Give reason.
3. Name the following :
 - a) A solid formed by the reaction of two gases, one of which is acidic and the other basic in nature.
 - b) The insoluble solid formed when two solutions are mixed together.
 - c) The substances that release hydroxyl ions as the only negatively charged ion in aqueous solution.
 - d) The acidity of ferric hydroxide.
 - e) An alkali which is not a metal hydroxide.
4. Write balanced chemical equations for the preparation of :
 - a) Ferric hydroxide from Ferric chloride
 - b) Zinc oxide from Zinc sulphide
 - c) Potassium hydroxide from Potassium
 - d) Copper (II) oxide from Copper carbonate
5. Differentiate between the following pairs, also give example :
 - a) Strong alkali and Weak alkali
 - b) Diacidic and Triacidic bases
6. All alkalis are bases but all bases are not alkalis . Explain.