

**D.A.V PS SASARAM**  
**1<sup>st</sup> WORKSHEET OF CHEMISTRY**  
**CLASS – 10 SEC – B,C,D**  
**ACIDS, BASES & SALTS**

**DO ALL THE QUESTIONS**

**Q.1 What are acids ?**

**Q.2 What are bases?**

**Q.3 What do you understand by indicators ?**

**Q.4 What are olfactory indicators ? Give two examples.**

**Q.5 What are synthetic indicators ? Give two examples.**

**Q.6 Name the gas produced by reaction of metal with acids. How will you identify this gas ?**

**Q.7 Write the balanced chemical equation for reaction between aluminium and sulphuric acid.**

**Q.8 Write the balanced chemical equation For reaction between zinc granules and sodium hydroxide.**

**Q.9 Define salt.**

**Q.10 When carbon dioxide gas is passed through lime water then it turns milky. write the chemical equation involved in this case.**

**Q.11 What is lime water ?**

**Q.12 Name the gas produced when a metal carbonate or metal hydrogen carbonate reacts with acid. suggest any two identifications of the gas.**

**Q.13 What is neutralisation reaction ?**

**Q.14 What are basic oxides? give two examples.**

**Q.15 What are acidic oxides? Give two examples.**

**Q.16 What are amphoteric oxides ?**

**Q.17 Zinc oxide and aluminium oxide are amphoteric oxides .Explain with the help of chemical equation.**

**Q.18 Why should curd and sour substances not be kept in brass and copper vessels ?**

**Q.19 What happens when (write balanced chemical equation) :-**

**a)Reaction of calcium with dilute hydrochloric acid**

**b)Reaction of aluminium with dilute sulphuric acid**

**c)Reaction of magnesium with very dilute nitric acid.**

**Q.20 Why is acetic acid called a weak acid though there are four hydrogen atoms in the molecule ?**

**Sudhaker mishra**

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