## Bharatiya Vidya Bhavans, V.M. Public School

### Ch 8- Acids, Bases and Salts

**I Fill in the blanks.**

**a) Phenolphthalein turns ___ in basic solutions**

**b) Bases that dissolve in water are called _____**

**c) _____ acid is present in an ant's sting.**

**d) Litmus dye is obtained from _____**

**e) Blue and red litmus papers do not change colour in _____ solutions.**

**II Answer the following questions**

**Q1 What is neutralisation reaction? Give one example**

**Q2 Write one use each of a) Sulphuric acid b) Sodium carbonate c) Magnesium hydroxide d) Alum**

**Q3 Ammonia is found in many household products such as window cleaner. What is its nature?**

**III Give reason.**

**1) It is necessary to neutralise the waste obtained from the factories before allowing them into the water bodies.**

**2) Acid rain is harmful .**

**3) An antacid tablet is given to cure indigestion or acidity.**

**IV Choose the correct option.**

**1 The acid used in car batteries is**

**a) hydrochloric acid b) acetic acid c) sulphuric acid d) lactic acid**

**2 Lime juice will turn**

**a) Blue litmus red b) methyl orange yellow**
**c) red litmus blue d) Phenolphthalein pink**

**3 Which of the following is not an acid – base indicator?**

**a) Blue litmus b) methyl orange c) phenolphthalein d) Digene**

**4 This is basic in nature**

**a) Baking soda b) curd c) vinegar d) salt solution**

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