

## Science meets Dharma - Chemistry

Name:..... Date: 19.5.2005

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1

- a) The pH of carbonic acid ( $\text{H}_2\text{CO}_3$ ) will be
- <less than pH 7.
  - pH 7.
  - >pH 7.
- b) The pH of Potassium Hydroxide (KOH) will be
- <less than pH 7.
  - pH 7.
  - >pH 7.
- c) The pH of water will be
- <less than pH 7.
  - pH 7.
  - >pH 7.

2

- a) Hydrochloric acid (HCl) is a
- strong acid?
  - weak acid?
- b) Soap is a
- strong acid?
  - weak acid?

3 How can we change the pH of an acid or alkali?

4 Make the following chemical reactions



5 Why can we neutralize hydrochloric acid (HCl) if we add sodium hydroxide (NaOH)?

6 Why is sugar harmful for the teeth?

7 How can we protect our teeth?

8 What is destroyed by acid rain?

9 What causes acid rain?