

## WORKSHEET NO - 2

**Subject- Chemistry**

**Date- 21.01.2014**

**Chapter- Acid, bases and salts, Soil      Class- VII**

**Q1. Choose the correct option:**

1. The acid present in our stomach that helps in digestion of food is

(a) nitric acid    (b) acetic acid    (c) hydrochloric acid    (d) sulphuric acid

2. The soil is best for growing crop

(a) Sandy                      (b) clayey                      (c) loamy                      (d) none of these

3. Acidic soil can be neutralised by adding

(a) vinegar                      (b) lemon                      (c) quicklime                      (d) lactic acid

4. Cold drinks contain

(a) carbonic acid                      (b) malic acid                      (c) citric acid                      (d) lactic acid

5. A soil that can hold less amount of water is

(a) clayey                      (b) loamy                      (c) sandy                      (d) none of these

6. The darkest layer of soil is

(a) top soil                      (b) bed rock                      (c) C- horizon                      (d) sub soil

7. Which of the following indicator give green colour in basic solution?

(a) Methyl orange                      (b) China rose                      (c) Phenolphthalein                      (d) Turmeric

**Q2. Complete the following analogy**

a. Common salt: Neutral : : Vinegar : \_\_\_\_\_

b. Ant's sting: Formic acid : : \_\_\_\_\_ : Lemon

**Q3. One day Ritu got a wasp sting. Her mother advised her to apply some vinegar on the affected area. Why she has advised so? Also mention what are the qualities portrayed by her mother?**

**Q4. Aman conducted an experiment to calculate the rate of percolation. He observed that it took 40 minutes for 800 ml of water to percolate through the soil sample. Calculate the rate of percolation.**

**Q5. Enlist three agents that cause weathering of rocks?**