

SLIP TEST- 4  
CHAPTER- 4 : ACIDS, BASES AND SALTS

Name:..... Section:..... Roll No:..... Max.Marks:20

**I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M**

1) Define the following. Give one example for each.

(a) strong acid (b) strong base (c) weak acid (d) weak base

2) Write any four chemical properties of acids.

**II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M**

3) Categorize the following as acids, bases and salts.

Lemon juice, salt water, soap water, tamarind juice, surf water, lime water

4) How can you prepare turmeric indicator? What is the use of it?

**III. Answer the following in one or two sentences. Each carries one mark. 2 x 1 = 2 M**

5) Write any two uses of bleaching powder.

6) Write the formulas of gypsum and plaster of paris.

**IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M**

7) The cation present in HCl solution is [ ]

A.  $H^+$  B.  $OH^-$  C.  $Cl^+$  D.  $Cl^-$ 8) Which gas is liberated when  $H_2SO_4$  reacts with NaCl [ ]A. HCl B.  $H_2S$  C.  $CO_2$  D.  $SO_2$ 

9) This is not the olfactory indicator [ ]

A. Onion pieces B. Vanilla essence  
C. Turmeric powder D. Clove oil

10) Human blood is a [ ]

A. Strong acid B. Strong base  
C. Weak acid D. Weak base

11) Which one of the following types of medicines is used for treating indigestion? [ ]

A. antibiotic B. analgesic C. antacid D. antiseptic

12) The most accurate way of showing neutralization [ ]

A. Acid + base  $\rightarrow$  acid-base solution  
B. Acid + base  $\rightarrow$  salt + water  
C. Acid + base  $\rightarrow$  sodium chloride + hydrogen  
D. Acid + base  $\rightarrow$  neutral solution