

FORMATIVE ASSESSMENT-2
CHAPTER – 4

Name:..... Section:..... Roll No:..... Max.Marks:25

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

1) Classify the following substances into acids or bases or neutral substances.

Lemon juice	Lime water	Tamarind juice	Glass cleaner
Soap water	Apple juice	Sugar water	Pure water

2) Describe an activity to show the water of crystallization.

II. Answer the following questions briefly. Each carries two marks. 3 x 2 = 6 M

3) Plaster of Paris should be stored in air proof container. Why?

4) How do you prepare your own beetroot indicator?

5) How does baking powder make the cake soft and spongy?

III. Answer the following in one or two sentences. Each carries one marks. 3 x 1 = 3 M

6) What happened when Phenolphthalein added to an acid?

7) Sheela told the correct answer as “onion and vanilla essence”, for a question.

Can you guess the question?

8) What is the P^H value for an extremely strong base?

IV. Choose the correct choice and write down in the given brackets. 4 x 1 = 4 M

9) Formula of acetic acid []

A. CH_3COOH B. $HCOOH$ C. HNO_3 D. HCl

10) When ant bites, it injects In to our skin. []

A. Picric acid B. Acetic acid C. Formic acid D. Hydrochloric acid

11) If $P^H < 8$, it is []

A. acid B. base C. neutral D. any of the above

12) Identify water of crystallization. []

A. $CuSO_4$ B. NH_4Cl C. $NaCl$ D. $CaSO_4 \cdot \frac{1}{2} H_2O$

IV. Fill in the blanks with suitable answers. 4 x 1 = 4 M

13) When acid reacts with a metal, gas is liberated.

14) Litmus solution is the dye extracted from

15) Formula of Baking soda

16) Carbonic acid is the chemical name of