

FORMATIVE ASSESSMENT-2
CHAPTERS – 4,5

Name:..... Section:..... Roll No:.....

Max.Marks:20

I. Answer the following questions. Each carries four marks.

2 x 4 = 8 M

1) Identify the acids and bases from which the following salts are obtained?



2) How can you determine the lateral shift of a glass slab experimentally?

II. Answer the following questions briefly. Each carries two marks.

2 x 2 = 4 M

3) Write any two uses of bleaching powder.

4) Draw a ray diagram for the following situation.

The light ray travels from denser medium to rarer medium.

III. Answer the following in one or two sentences. Each carries one marks.

2 x 1 = 2 M

5) Write the formula of Plaster of Paris.

6) What happened when incident angle is more than critical angle?

IV. Choose the correct choice and write down in the given brackets.

6 x 1 = 6 M

7) If angle of refraction is 90°, then the incident angle is called []

A. Angle of incidence

B. Angle of reflection

C. Critical angle

D. Angle of refraction

8) A solution turns blue litmus into red. The P^H is likely to be []

A. 11

B. 9

C. 8.8

D. 3

9) Which of the following salts does not contain water of crystallization? []

A. Copper sulphate

B. Gypsum

C. Plaster of paris

D. Lime powder

10) Identify the correct order of increasing of P^H values of substances []

A. Acid < Water < Base

B. Water < Acid < Base

C. Acid < Base < Water

D. Base < Water < Acid

11) The light ray travels in rarer medium. []

A. Slowly

B. Fastly

C. Can't say

D. No change in velocity

12) H₂SO₄ + Zn → ZnSO₄ + []

A. H₂S

B. H₂O

C. H₂

D. SO₂