FORMATIVE ASSESSMENT-2
CHAPTERS – 3,4

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

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

1) A teacher asked the students, "Which mirrors can form virtual images?". Saketh replied, "Concave mirrors", Spandana replied, "Convex mirrors" and Reeta replied, "Plane mirrors". What is your opinion? Which answer do you support? Explain.

2) Draw a neat diagram that shows the electric conductivity of acids.

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

3) How do you use Methyl orange to test acids and bases?

4) Define neutralization . Give one example.

5) Name the mirrors that forms images behind the mirror?

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

6) Give two examples for water of crystallization?

7) If m = + 1.2 , Which mirror it is?

8) What type of image is formed due to convergent beam of light rays?

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

9) Plaster of Paris   [   ]

   A. $CaSO_4. 2H_2O$ **B.** $CuSO_4. 5H_2O$

   C. $Na_2CO3. 10H_2O$ **D.** $CaSO_4. \frac{1}{2}H_2O$

10) This is used in the preparation of Chloroform   [   ]

   A. Gypsum   **B.** Sodium carbonate

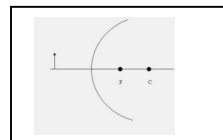   **C.** Sodium bicarbonate   **D.** Bleaching powder

11) If a solution has P^H = 7, It is …………   [   ]

   A. an acid   **B.** a base

   C. a neutral substance   **D.** None of these

12) When reflection takes place , then ………………   [   ]

   A. i = r   **B.** i < r   **C.** i > r   **D.** i $\leq$ r

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

13) The relation between radius of curvature and focal length is ……………………

14) Antacid tablets consists of ……………………………..

15) The focal length of convex mirror is always …………………………

16) The image shown in the diagram is …………………….. mirror.