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) Write about sign convension rule ?

2) Kiran tested some substance P, Q, R and S with indicators. The results are in table.

Substance	Blue Litmus	Red Litmus	Methyl Orange	Phenopthalene
P	Red			No change
Q		Blue		
R			Red	
S				Pink

   Furnish the blanks in the table with suitable options.

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

3) Draw the diagrams of convex mirror and concave mirror. Indicate P, F and C in them.

4) The focal length of a concave mirror is 10 cm. If an object is placed at 20 cm distance
   before a concave mirror, Where should be the image collected?

5) Name two olfactory indicators?

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

6) The teacher asked Ramitha a question. Ramitha replied the correct answer " R=2f ".
   Can you guess, What was the question?

7) What happened when an acid reacts with a base ?

8) Write the determination test of hydrogen.

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

9) Concave mirror formed real, inverted and diminished image.

   Where was the object placed   [   ]

   A. before F   **B.** between F and C   **C.** beyond C   **D.** at C

10) Colour of methyl orange solution   [   ]

   A. Pink   **B.** Yellow   **C.** Orange   **D.** Red

11) For testing an acid Harshith take a few drops of its aqueous solution

   and tasted it. Is it correct process?   [   ]

   A. Yes, Harshith is correct   **B.** No, it is not correct

   C. Don't do like that. It may danger.   **D.** choice **B** and **C**

12) Identify the acid   [   ]

   A. Calcium hydroxide   **B.** Potassium hydroxide

   C. Sodium hydroxide   **D.** Hydrochloric acid

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

13) Write mirror formula …………………………..

14) When a ray incident parallel to the axis of a mirror, then reflected ray ………………..

15) The magnification of a mirror is (m) = …………………………..

16) Is Soda an acid or a base ? …………………………………………………..

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