SLIP TEST- 3 (2)
CHAPTER-3 : REFLECTION OF LIGHT BY DIFFERENT SURFACES

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

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

1) Draw the useful rays by which we can guess the position of the image formed
by a concave mirror.

2) How can you appreciate the role of spherical mirrors in our daily life?

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

3) Write any four situations that you had observe virtual images.

4) What are the characteristics of the image formed by a convex mirror?

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

5) Jayanth made an experiment and find out the focal length of a concave mirror as 20 cm.
Prakash observed the radius of curvature of same mirror as 40 cm. – Who is correct If it
forms the image of an object which is at infinite distance at 20 cm ?

6) If you want to get diminished and real image, which mirror do you select?

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

7) Generally it forms always virtual image for a real object   [   ]
   A. convex   **B.** concave   **C.** plane   **D.** either plane or convex

8) Magnification (m) = …………………..   [   ]
   A. $\frac{v}{u}$ **B.** $\frac{u}{v}$ **C.** $\frac{h_i}{h_o}$ **D.** $\frac{h_o}{h_i}$

9) The distance between the pole and focus of a mirror is …………….   [   ]
   A. Radius of curvature   **B.** Focal length
   C. Distance of the object   **D.** Distance of the image

10) Convergent mirror   [   ]
   A. Convex mirror   **B.** Concave mirror   **C.** Plane mirror   **D.** Plane / Convex mirror

11) E.N.T. specialist doctors use   [   ]
   A. Concave mirror   **B.** Convex mirror   **C.** Both   **D.** None of these

12) The distance of the Object is taken as ………. In this sistuation   [   ]
   A. Positive
   B. Negative
   C. either positive or negative
   D. neither positive nor negative