

Class Test

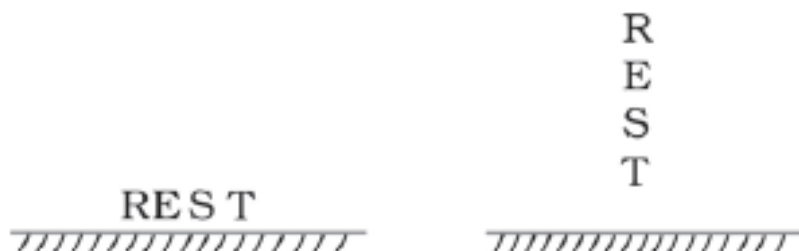
Total Marks: 15

Total time: 30 mins

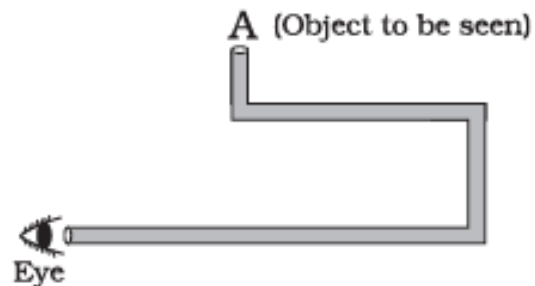
A. Choose the correct answer:

1. Which of the following statements is correct regarding rods and cones in the human eye?
(a) Cones are sensitive to dim light. (b) Cones are sensitive to bright light.
(c) Rods are sensitive to bright light. (d) Rods can sense colour.
2. The back side of a plane mirror contains
(a) gold coating (b) silver coating
(c) aluminium coating (d) copper coating
3. Which of the following results in diffused reflection?
(a) Plane mirror (b) Shiny surface
(c) Silver (d) Wood
4. Type of mirror used as side view mirror is
(a) convex mirror (b) plane mirror
(c) concave mirror (d) ground mirror
5. An owl can see properly at night but not at day time. Because
(a) More rods and few cone (b) More cones and few rods
(c) More rods and more cones (d) Less rods and less cones
6. Which of the following is used by E.N.T doctors?
(a) Convex Mirror (b) Convex Len
(c) Plane Mirror (d) Concave Mirror
7. Convex lens focus a real, point-sized image at focus, the object is placed at
(a) Focus (b) Between F and 2F (c) At infinity (d) At 2F

B. The figure shows the word REST written in two ways in front of a mirror. Show how the word would appear in the mirror. (2)



- C. Boojho planned activity to observe an object A through pipes as shown in the following figure, so that he could see objects which he could not directly see.



Answer the following questions:

- Indicate the positions of the mirrors in the figure.
- What must be the angle with respect to the incident light at which he should place the mirrors?
- Indicate the direction of the rays in the figure.
- If any of the mirrors are removed, will he be able to see the objects?

(1+1+1+1)

- D. Draw how usage of lens can correct myopic condition.

(2)

- E. Identify the names of following parts of the eye:

(5)

