

Name: _____ Date: _____

Light

Q1. Explain how you can take care of your eyes.

Ans. _____

Q2. (a) Find out the position of the image of an object situated at A in the plane mirror.
(b) Can Paheli at B see this image?
(c) Can Boojho at C see this image?
(d) When Paheli moves from B to C, where does the image of A move?



Image from NCERT

Ans. _____

Light

Q1. Explain how you can take care of your eyes.

Ans. It is necessary that we take proper care of our eyes. If there is any problem we should go to an eye specialist. Have a regular checkup.

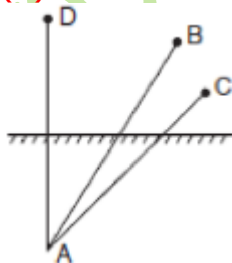
- i. If advised, we should use suitable spectacles.
- ii. Too little or too much light is bad for our eyes. Insufficient light causes eyestrain and headaches. Too much light, like that of the sun, a powerful lamp or a laser torch can injure the retina.
- iii. We should not look at the sun or a powerful light directly.
- iv. We should not rub our eyes. If something gets into the eyes, we should splash the eyes with a lot of clean water. If there is no improvement then we should consult a doctor.
- v. We should wash our eyes frequently with clean water.
- vi. We should always read at the normal distance for vision. We should not read by bringing our book too close to our eyes or keeping it too far.

Q2. (a) Find out the position of the image of an object situated at A in the plane mirror.
 (b) Can Paheli at B see this image?
 (c) Can Boojho at C see this image?
 (d) When Paheli moves from B to C, where does the image of A move?



Image from NCERT

Ans. (a)



- (b) Yes, Paheli can see the image at B.
- (c) Yes, Boojho can see the image at C.
- (d) No, change of image A.