

Class VII
SCIENCE
CHAPTER- LIGHT
ASSIGNMENT FOR UNIT TEST 2

Q1 If a ray of light makes an angle of 30° with the plane mirror, what will be the angle of reflection?

Q2 If a ray of light falls normally on a plane mirror how will it be reflected back? What will be the angle of incidence and angle of reflection?

Q3 How is word AMBULANCE written in front of ambulance van and why?

Q4 Why is the image formed in plane mirror said to be virtual?

Q5 If a person is standing in front of plane mirror at a distance of 5m and he steps 2.5m forwards, what will be the distance between him and his image?

Q6 Which type of mirror can form a real image?

Q7 Which mirror is used by dentists and why?

Q8 which mirror can produce virtual image larger than the object?

Q9 Why is concave mirror preferably used by makeup artists?

Q10 Which lens is used as a magnifying glass and why?

Q11 Which type of lens always forms a virtual image?

Q12 Why on rear view mirrors in vehicles it is generally written---“objects are closer than they appear”?

Q13 Why does a colored disc appear white when rotated ?

Q14 Give any four examples of real image.

Q15 A person stands in front of a specially designed mirror in which upper part of his body appears to be erect and magnified, middle part erect and smaller and lower part erect and same size. Explain the design of the mirror.