SURAJ
SCHOOL
REWARI

Holiday
Homework

प्रकाशमय कल के लिए

Class 10ᵗʰ, Physics

1. In which of the following the image of an object placed at infinity will be highly diminished and paint sized?
   A. Concave mirror   B. Convex mirror   C. Convex lens   D. All of these

2. Two thin lenses of focal length 20 cm and 25 cm are in contact the effective power of the combination is
   A. 4.5 D   B. 18 D   C. 45 D   D. 9 D

3. Which of the mirrors has large field of view?
   A. Convex   B. Concave   C. Plane   D. All of these.

4. What is the power of a concave lens of focal length 25 cm?

5. What is the value of focal length of a plane mirror?

6. Can a real image be taken on a screen?

7. Which of the two mirrors is diverging-concave or convex?

8. Name the best reflector of light.

9. What are the units of refractive index?

10. Write down the mirror formula.

11. What is the basic cause of refraction of light?

12. Define refractive index.

13. An object is placed at a distance of 30 cm in front of a convex mirror of focal length 15 cm. Write the nature of the image formed by the mirror.

14. Define reflection of light with the help diagram.

15. Write the laws of reflection of light.