

CLASS 7 PHYSICS

CHAPTER 4 LIGHT – QUESTIONS

- Q.1. Define light.
- Q.2. What do you understand by 'rectilinear propagation of light'?
- Q.3. What is reflection of light? On which factor does reflection of light depends?
- Q.4. Define mirror. Name the two types of mirror.
- Q.5. What are the two types of spherical mirror? Define them with diagrams.
- Q.6. Define – a.Reflecting surface, b.Incident ray, c.Reflected ray, d.Point of incidence, e.Normal, f.Angle of incidence, g.Angle of reflection, h.Plane.
- Q.7. What is the angle of incidence when a ray of light falls normally on a plane mirror?
- Q.8. What are the two laws of reflection?
- Q.9. What is regular and irregular reflections?
- Q.10. What are the two types of images? Define them.
- Q.11. Write the characteristics of a real image.
- Q.12. Write the characteristics of a virtual image.
- Q.13. Define lateral inversion.
- Q.14. Define plane mirror.
- Q.15. Write the characteristics of the image formed by a plane mirror.
- Q.16. What are the uses of a plane mirror?
- Q.17. What is the speed of light in – a. Vacuum or air, b. Water, and c. Glass?
- Q.18. What are primary and secondary colours?
- Q.19. Differentiate between real and virtual image.
- Q.20. A red rose appears red in white light. Explain.
- Q.21. Green leaves appear green in white light. Explain.
- Q.22. What are opaque objects?
- Q.23. With the help of an example, explain the appearance of colour of opaque objects.
- Q.24. Page no. 63 & 64 – A.Fill in the blanks. B.State true or false. C.Choose the correct option. D.Match the columns.
- Q.25. Page no. 68 – A.Answer in one word. B.State true or false. C.Match the columns.