

St. Andrews Scots Sr. Sec. School
9th Avenue, I.P. Extension, Patparganj, Delhi – 110092
Session: 2024 – 2025
(Worksheet-12)

Class: VI

Subject: Science

Chapter: Light

Q.1. Define:

- a) Shadow
- b) Reflection of light
- c) Rectilinear propagation of light
- d) Screen

Q.2. Fill in the blanks:

- a) Light travels in a _____ line.
- b) _____ objects cast no shadow.
- c) Image formed by a plane mirror is _____
- d) _____ is a dark outline of an opaque object that blocks light coming from a source.
- e) Image formed by a pin hole camera is _____

Q.3. Multiple Choice Questions:

- a) Which types of objects do not allow light to pass through them?
 - (a) Translucent
 - (b) Opaque
 - (c) Transparent
- b) Bouncing back of light from shining surfaces is called
 - (a) Reflection
 - (b) Refraction
 - (c) Bending
- c) Which letters of English alphabet will not show lateral inversion?
 - (a) I, O, U
 - (b) N, Z, X
 - (c) I, X, E
- d) Which is a device to image the sun?
 - (a) Plane mirror
 - (b) Pinhole camera
 - (c) A straight pipe

Q.4. State whether the following statement is true or false.

- a) A torch bulb is a luminous object.
- b) Light gets reflected when strikes a shiny surface.
- c) A reflected image gives us more information about the object than a shadow.
- d) In a mirror, if A is able to see B, B also can see A.
- e) All the shining bodies in sky have their own light.

Q.5. Short Questions Answers:

- a) What do we need in order to see a shadow?
- b) Classify the objects as opaque, transparent and translucent-
Fog, glass, wood, plastic box, smoke, water
- c) Why we cannot see our image in the mirror in complete dark room?
- d) Classify the following as luminous and non luminous object:
Sun, moon, table, chair, stars.