

WORK SHEET
SUBJECT- SCIENCE

Chapter-6: Light

CLASS- VI

Date-

Q1. Define:

1. Translucent objects
2. Shadow
3. Beam
4. Reflection
5. Umbra
6. Lunar eclipse

Q2. Differentiate between:

1. Ray and beam
2. Translucent and opaque objects
3. Luminous and non-luminous object
4. Divergent and convergent rays

Q3. Fill ups:

1. When light falls on an object, it is ____ back by the object.
2. We can see non-luminous object by the ____ reflected from them.
3. From a luminous body ____ spreads out in all directions.
4. ____ travels in straight line.
5. The shadow is ____ when the object is parallel to the direction of the sun rays.
6. We get an ____ image by the pinhole camera.
7. ____ objects forms shadow.
8. Mirror form images by ____.
9. In the images formed by a mirror, the left and right sides gets ____.
10. ____ is black while ____ is coloured.

Q4. What happens to the size of the shadow when

- a. The distance between the light source and the object increases.
- b. The distance between the object and the screen increases.

Q5. Give one word answer:

1. Partially lit part of the shadow surrounding the umbra.
2. This travels in straight lines.
3. This layer is the main reflecting surface of a mirror.
4. These objects emit light.

Q6. Answer the following:

1. What is a solar eclipse? Explain with a diagram.
2. How are mirrors made?
3. Would shadows form if light did not travel in straight lines?
