

Light Energy

1. What is rectilinear propagation of light?

Ans → The motion of light in a straight line path is called the rectilinear propagation of light.

2. What is pinhole camera?

Ans → A pinhole camera is a simple camera, without lens, in the shape of box. One of the sides has a small hole and it produce an inverted image of the outside world at other side.

3. State two factors which affect the size of image formed in a pinhole camera.

Ans → i) Effects of a distance of screen from the pinhole on the size of image.

ii) Effects of the distance of object from the pinhole on the size of image.

4. State characteristics of the image formed by the pinhole camera?

Ans)

- i) It is the real i.e. it is formed on the screen.
- ii) It is inverted or upside down.
- iii) It is generally smaller in size than the object.