

1. What is Rectilinear propagation of light?

Ans- The property by which the light travels in a straight line is called rectilinear propagation of light.

2. What is Pin Hole Camera?

Ans- Pin hole camera is a simple application of the rectilinear propagation of light.

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

Ans- The two factors which affect the size of image formed in a Pinhole camera are -

i) The distance of screen (i.e. tracing paper) from the pin hole and

ii) The distance of object (i.e. candle) in front of the pin hole.

4. State Characteristics of the image formed by the pin hole camera?

Ans- Characteristics of the image formed by the pin hole camera are -

1. It is real i.e. it is formed on the screen.

2. It is inverted or upside down

3. It is generally smaller in size than the object (because the object is far away from the pin hole than the screen).