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Q-1 What is rectilinear propagation.

Ans) Light always travels in straight path this is known as rectilinear propagation.

Q-2 What is pin hole camera.

Ans) Pin hole camera is a simple application of the rectilinear propagation of light. The image formed in a pin hole camera is upside down (inverted, real, temporary and smaller than the object).

Q-3- State two factors which affect the size of image formed in a pin-hole camera.

Ans) Size of an image depends on two factors & distance of screen from pin hole & Distance of object in front of the pin-hole.

Q-4. State characteristics of the image formed by the pin hole camera.

Ans) 1) The image obtained on the screen of a pin hole camera is temporary.

2) The image does not ~~show~~ show the details of the object.

3) A pin hole camera can not be used to see the motion of a moving object.