

Jender Heart High School, Chandigarh
Class-VI Subject - Physics.
Chapter-5 Light
Teacher: Nimrita

Good Morning Children! This lesson is for Class-VI, Subject - Physics, Light of your textbook Concise Physics, Selina Publications. It is being submitted to you on 28th October 2024.

Today, we are going to discuss light.

Light is a form of energy that affects our eyes to produce the sensation of vision.

Sources of light :-

- 1) Natural sources of light :- The sources of light that are found in nature. eg: Sun, firefly.
- 2) Artificial sources of light :- These sources are made by man. eg: Torch, fire.
- 3) Luminous bodies :- These shine and glow by their own light. eg: Sun, a torch.
- 4) Non-luminous bodies :- The bodies which do not emit light by their own, but become visible

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by the light falling on them from some luminous body. eg: Moon.



f) Firefly (Jugnu)



b) Burning candle



c) Fluorescent tube



d) Torch



e) Sun

Sources of light

Transparent Objects: A substance is said to be transparent if light passes through it easily.
eg: Glass.

Translucent substances: A substance is said to be translucent if it allows only a part of light to pass through it.
eg: Tracing paper.

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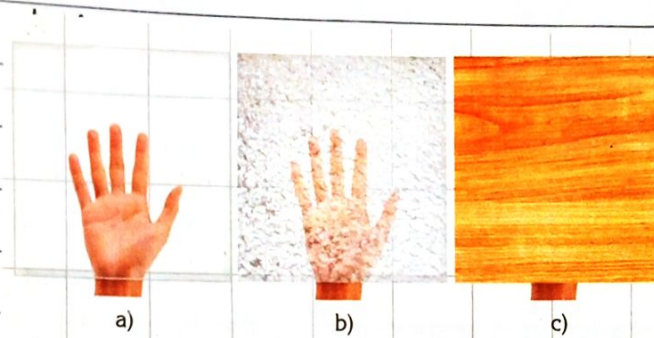
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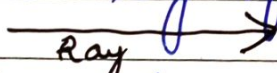
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Opaque objects: A substance is said to be opaque if it does not allow any light to pass through it. eg: Wooden screen.



Transparent, translucent and opaque bodies

Ray: Light travelling in any one direction in a straight line is called as ray of light.



Beam of light: A group of light rays given out from a source is called as beam of light.



A beam of light.

Rectilinear propagation of light: The motion of light in a straight line.
I am ending today's topic Pg 1-20 (page-76).
Thank you. Last page