

HW  
16/11/21

1) Define light.

Ans) Light is a form of energy that affects our eyes to produce a sensation of light. Vision

2) Differentiate natural and artificial sources of light.

Natural source

- They are natural.
- They are self luminous.
- Ex - Sun, moon, stars, etc.

Artificial source

- They are artificial.
- They are burned by fuels.
- Ex :- Lamp, tube light, etc.

3) Differentiate luminous and non-luminous objects.

Luminous

- They are self-luminous and produce their own heat.
- They glow and shine on their own.
- They provide us light.
- Ex - Sun, etc.

Non-luminous

- They do not emit their own heat and light.
- They are visible when the light from a luminous body after striking the object reaches our eyes.
- They don't provide light.
- Ex - book, etc.

4) Define a ray of light.

ans) The light travelling in any one direction in a straight line is called ray of light.

5) Define a beam of light.

ans) A groups of light rays given out from a source is called a beam of light.