

Q Define light

Ans light energy is a kind of kinetic energy with the ability to make types of light visible to humans

2 DIFFERENTIAL Natural Sources of LIGHT and artificial sources of Light.

Natural sources

Ans The sun is the main natural source of light. On earth, we receive light mainly from the sun. During the day, we see all the things around us because of sunlight.

(ii) Artificial sources of light - At night when we do not receive light from the natural source (i.e. the sun) we use artificial sources of light.

(iii) DIFFERENTIATE Luminous and non-luminous Bodies:

Ans-1) Luminous Bodies - The bodies which emit their ~~hig~~ own light are called luminous bodies. They shine and glow by their own light.

(ii) Non-Luminous bodies - The bodies which do not emit light by them

own, but become visible (or they shine) by the light falling on them from some luminous body, are called non-luminous bodies.

4 Define a ray of light.

Ans- The light given out by a point source spreads in all directions moving in straight line is called a ray of light.

5 Define a beam of light?

Ans- A group of light rays given out from a source is called a

beam of light