

Q.1. Define light.

Ans- light is a form of energy that affects our eyes to produce the sensation of vision.

Q.2. Differentiate natural sources of light and artificial sources of light.

Ans-	Natural source	Artificial source
	→ The natural bodies which emit heat and light of their own are called natural source of light.	→ The human-made objects which emit heat and light of their own are called artificial source of light.
	→ For example: firefly, sun, stars, etc.	→ For example: light bulbs, tubelight, table lamp, etc.

Q.3. Differentiate luminous and non-luminous bodies.

Ans-	Luminous object	Non-luminous Object
	→ The bodies which emit the heat and light of	do not → The bodies which emit the heat and light of

### Luminous objects

their own are called luminous objects.

→ For example: Sun, stars, tubelight, lamp, etc.

### Non-luminous objects

their own are called non-luminous bodies.

→ For example: moon, scale, books, humans, chairs, tables, ~~books~~ pens, etc.

Q.4 Define a ray of light.

Ans- The light travelling in <sup>any</sup> one direction in a straight line is called a ray of light.

Q.5 Define a beam of light.

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