

## Characteristics of Light



**Some common characteristics of light are given below**

- Light is invisible form of energy.
- Light does not require material medium for its propagation i.e. light can travel through vacuum.
- The speed of light in free space (vacuum) is  $3 \times 10^8$  m/s. Its speed is marginally less in air. Its speed decreases considerably in glass or water.
- Light undergoes reflection from polished surfaces such as mirrors etc.
- When light goes from one medium to another, it changes its path. This phenomenon is called refraction.

