Light Energy

1. Define light —

Ans. Light is a form of energy that enables us to see things. Light starts from a source & bounces off objects which are perceived by our eyes & our brain processes this signal, which eventually enables us to see.

2. Define reflection

Ans. The process of sending back the light rays which fall on polished surface is called reflection of light.

3. Write the two laws of reflection.

Ans. The two laws of reflection are :-

* The incidi incident ray, the reflected ray & the normal (at the point of incidence) all lie in the same plane.

☆ The angle of reflection (r) is always equal to the angle of incidence (i)

4. If the angle of incidence is 35 degree then find the angle of reflection.

Ans. The angle of reflection = the angle of incidence

$= (90 - 35)$ degree $= 55$ degree.

Hence, the angle of reflection $= 55$ degree.