

Light Energy

Q(1) Define Reflection of light.

Ans → When light strikes a polished surface it comes back in the same medium, is called reflection of light.

Q(2) States laws of reflection. -

Ans → There are two laws of reflection -

(i) The incident ray, normal and the reflected ray all lie in the same plane.

(ii) The angle of incidence is equal to the angle of reflection.

Q(3) Define primary colours.

Ans → Primary colours are the colours of the light by mixing which white light is obtained.

They are : (i) red (ii) Red + Green + Blue
= White

Q(4) Differentiate between real and virtual image.

Ans → Real Image

* Real Images are inverted

* Real Images are formed on the screen.

* Real Images are formed by a convex lens.

Virtual Image

* Virtual Images are erect

* Virtual Images appear to be on the lens or the mirror itself.

* Concave lens forms a virtual image.