

Light Energy

1Q- Define Reflection of light. State laws of reflection.

ans- The returning of light in the same medium after striking a surface, is called reflection of light.

The laws of reflection are :-

→ The angle of incidence is always equal to the angle of reflection. $\angle i = \angle r$

→ The incident ray, the reflected ray and the normal, all lie in the same plane.

2Q- Define Primary Colours.

ans- Primary Colours are the colour of light by mixing which white light is obtained.

3Q- Differentiate between Real & Virtual Image.

ans-	Real Image	Virtual Image
	i) It can be obtained on a screen.	i) It cannot be obtained on a screen.
	ii) The rays of light after reflection meet at a point.	ii) The rays of light after reflection appear to diverge from a point.
	iii) It is always inverted.	iii) It is always erect.
	iv) It is formed in front of the mirror.	iv) It is always formed behind the mirror.