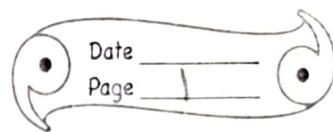


1-10
28.9.21

Home Assignment



1. Define Reflection of light. ~~State~~
2. State laws of reflection.
3. Define primary colours.
4. Differentiate real and virtual image.

Answer

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

3. Ans Primary colours are the colours of light by mixing which white light is obtained. These are red green and blue.

2. Ans The two laws of reflection are:-

i) The angle of incidence is always equal to the angle of reflection.

ii) The incident ray, the reflected ray and the normal all, lie on the same plane.

4. Ans-

Real image

i) It can be obtained on a screen

ii) The rays of light after reflection meet at a point

iii) It is always inverted.

iv) It is formed in front of the mirror.

Virtual image

i) It cannot be obtained on a screen.

ii) The rays of light after reflection appear to diverge at a point.

iii) It is always erect.

iv) It is formed behind the mirror.