
15 : LIGHT

I. Fill in the blanks :

1. The change in the direction of light by a mirror is called _____.
2. The image formed by a _____ lens is always virtual, erect and smaller in size.
3. White light is composed of _____ colours.
4. The image of an object formed by a _____ cannot be obtained on a screen.
5. _____ are used by dentists to see an enlarged image of the teeth.

II Name the following :

1. An image that can be obtained on the screen -
2. The lens which is thinner in the middle than at the edges -
3. The lens known as magnifying glass -
4. The lens known as diverging lens -
5. The mirror which can form both real as well as virtual images.
6. The large arc of seven colours VIBGYOR in the sky.

III State whether True or False :

1. The image formed by a plane mirror is inverted -
2. A convex lens is thicker in the middle than at the edges -
3. A concave mirror always forms real image -
4. Any polished or shining surface can act as mirror -

IV Define :

Reflection of light

V Distinguish:

Real image & Virtual image
