



Optical Illusion (Optical Illusions)

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- When images look different from the Real one, it is called 'optical illusion' (or visual illusion). In this process, any object or image seen by the human eye is interpreted by the brain in such a way that it appears different from the actual image.
- Optical Illusion can be of three main types - Verbal, physical and cognitive. They are often used as mental exercises for adults and children.
- In this process, visual illusions arise to human beings, this shows the process of simultaneous functioning of eyes and brain. We live in a three-dimensional (3D) world. Therefore, the brain helps us to present the complete information of its depth, shading, lighting and position in relation to an object seen by it in the form of an image.
- Mirage is an optical phenomenon, in which the ray of light is incident at the bottom of the medium at such an angle that its reflection takes place in the same medium, which is called Total internal reflection. Generally, this happens when light enters the rare medium through a dense medium and the angle of incidence is greater than the 'critical angle'. In this event, there is the illusion of water on the roads or on the deserts. It can usually be seen during high sunlight.

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