

Name: _____ Date: _____

Light

Q1. What is cataract? How can the vision of a person having cataract be restored?

Ans. _____

Q2. Suppose you are in a dark room. Can you see objects in the room? Can you see objects outside the room? Explain.

Ans. _____

Q3. Draw a labeled sketch of the human eye.

Ans. _____

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Q1. What is cataract? How can the vision of a person having cataract be restored?

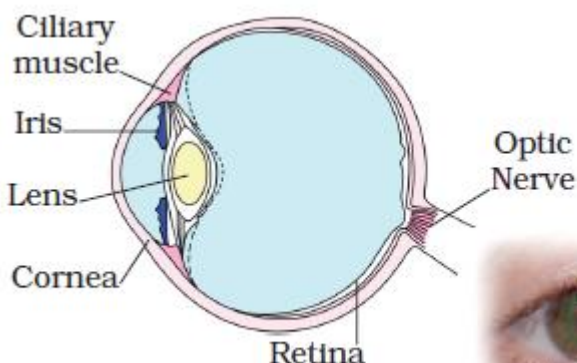
Ans. Sometimes, particularly in old age, eyesight becomes foggy. It is due to the eye lens becoming cloudy. When it happens, persons are said to have cataract. There is a loss of vision, sometimes extremely severe. It is possible to treat this defect. The opaque lens is removed and a new artificial lens is inserted. Modern technology has made this procedure simpler and safer.

Q2. Suppose you are in a dark room. Can you see objects in the room? Can you see objects outside the room? Explain.

Ans. If we are in a dark room, then it is not possible for us to see the objects in the room. However objects outside the room are visible to us. This is so, because eyes alone cannot see any object. It is only when light from an object enters our eyes that we see the object. The light may have been emitted by the object, or may have been reflected by it.

Q3. Draw a labeled sketch of the human eye.

Ans.



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