

① Myopia is caused :- ~~due to~~

- due to elongation of the eyeball
- due to decrease in the focal length of the eye lens.

Hypertropia is caused :-

- increase in the focal length of eye lens
- ~~due to~~ shortening of the eyeball

② Far point

- The far point of visual perception is the farthest point from which an object image can be projected to the retina with the eye's accommodation.

Near point

- The near point is the nearest point within the range at which an object can be positioned and still form a focused image on the retina with the eye's accommodation.



(6) Cataract is a condition in which the eye lens become cloudy and the eye ~~becomes~~ sight become foggy.

It can be treated by surgery. The original lens is removed and a new artificial lens is inserted.

(7) Power of accommodation is the ability of the eye lens to focus near and far objects clearly on the retina by adjusting its focal length.

Power of accommodation of eye is limited. It implies the focal length of the eye lens cannot be reduced beyond certain minimum limit.