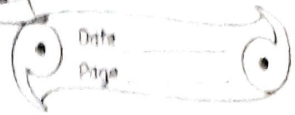


25 July 2021

## Home Assignment



1) Mention two causes of myopia and (2) hypermetropia

Cause of myopia

- Excessive curvature of the eye lens
- Elongation of the eyeball

Cause of hypermetropia

- The eyeball becomes too small
- The focal length of the eye lens becomes too large.

2) Differentiate between near point and far point in the normal human eye.

Far point is the farthest point where you can see the object and near point is the nearest distance where you can see the object.

The far point of human eye is upto infinity and the near point is 25 cm.

3) What is a cataract? How it can be treated?

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Cataract is a condition in which eye lens becomes cloudy and the eye sight becomes foggy.

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

(4)

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What do you mean by power of accommodation?  
The ability of eye to focus both near and distant objects by adjusting the focal length is called the power of accommodation.