

1) Mention two causes of

i) Myopia

- o Due to excessive curvature of eye lens

- o Due to elongation of eyeball

ii) Hypermetropia

- o Due to less curvature of eye lens

- o Due to eyeball becoming too short.

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

Near point

→ The minimum distance at which an object can be seen distinctly without any strain on the eye is known as near point.

→ For a normal human eye, the near point is 25cm

### Far point

→ The maximum distance at which an object can be seen distinctly without any strain on the eye is called far point.

→ For a normal human eye, the far point is infinity.

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

In old age, the eye lens of a person becomes cloudy due to formation of a membrane. It results into opaqueness of lens. It can be cured by surgery.

4) What do you mean by power of Accommodation?

The ability ~~of~~ an eye to focus  
the nearby objects as well as  
the distant objects on the retina  
by changing the curvature of  
lens.