

Q Mention two causes of (i) Myopia (ii) Hypermetropia.

Causes of Myopia → Due to elongation of eye ball.
→ Due to excessive curvature of eye lens.

Causes of Hypermetropia → Due to less curvature of eye lens
→ Due to eye ball becoming too short

Q Differentiate between near point & far point of the normal human eye.

Near Point

- * The min. distance at which an object can be seen distinctly without any strain on eye.
- * For normal human eye near point is 25 cm.
- * Also known as least distance of distinct vision

Far Point

- * The max. distance at which an object can be seen clearly & distinctly.
- * For normal human eye far point is at infinity.
- * Also known as farthest distance of distinct vision

Q What is a cataract? How it can be treated?

A It is the medical condition in which the lens of the eye of a person becomes progressively cloudy resulting in blurred vision due to passing of less amount of light.

It can be restored after getting a surgery in which the opaque lens are removed & a new artificial lens is inserted.

Q What do you mean by power of Accommodation?

A It is the ability of an eye to focus the nearby nearby objects as well as the distant objects on the retina by changing the curvature of lens.