

HOME ASSIGNMENT

1. Mention two causes of -

(i) Myopia -

- ① Due to excessive curvature of eye lens than normal
- ② Due to elongation of eye ball.

(ii) Hypermetropia -

- ① Due to less curvature of eye lens than normal
- ② Due to eyeball becoming too short.

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

Ans

<u>NEAR POINT</u>	<u>FAR POINT</u>
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|---|--|
| - The minimum distance at which an object can be seen distinctly without any strain the eye is known as near point of eye | - The maximum distance at which a human eye can see an object clearly is known as far point of human eye |
| - For normal human eye $\rightarrow 25\text{cm}$ | - For normal human eye \rightarrow Infinity |
| - Myopic Hypermetropic eye has near pt more than 25cm | - Myopic eye has far pt less than infinity. |

Q3) What is Cataract? How can it be treated?

Ans * The formation of a membrane over the eye lens of a person due to old age is called as cataract. It results in opaqueness of the lens

★ Cataract can be treated by surgery.

4) What do you mean by Power of Accommodation?

Ans The ability of eye to focus the nearby objects as well as the distant objects on the retina by changing the curvature of lens is called as power of Accommodation.