

Hint

## Extra Q/A

Date 22/7/21  
Page \_\_\_\_\_

1) Mention two causes of i) Myopia ii) Hypermetropia

Ans) Two causes of Myopia:

- Excessive curvature of eye lens.
- Elongation of eye ball.

Two causes of hypermetropia =

- Focal length of eye lens become large.
- Eye ball becomes too short.

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

Ans) Far point: • The far point of the eye is the maximum distance at which the eye can see the objects clearly. The far point of normal human eye is infinity.

Near point: The near point of the eye is the minimum distance of the object from the eye which can be seen distinctly without strain. For a normal human eye, this distance is 25 cm.

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

Ans) The crystalline lens of some people during old age, becomes hazy or even opaque due to the development of membrane over it. This condition is called cataract. The growth of membrane causes reduction or loss of vision.

The vision can be restored after getting cataract surgery.

Q) What do you mean by power of accommodation?

Ans. It is the maximum variation in power of eye lens for focusing nearby or far objects.

• For young adults, with normal vision, the power of accommodation is about 4D.