*Myopia is the term used to define being shortsighted.A myopic person has clear vision when looking at objects close to them, but distant objects will appear blurred. This is because light is focused in front of the retina and, being too far forward in the eye, things in the distance look blurred.It is a defect due to which the eye is unable to see the distant objects clearly although it can see the nearby objects.*

*Causes :*

*1). The eye lens becomeso more convergent that is decrease in the focal length of lens.*

*2). Elongation of eye ball.*

*Correction :*

*It can be corrected by making the eye lens more convergent, which can be done by placing a concave lens of suitable focal length.*

*2. HYPERMETROPIA :It is the defect due to which the eye is unable to see clearly the nearby objects although it can see distant objects clearly.*

*Causes*

*1). Increase of the focal length of the eye lens.*

*2). Shortening of the eye ball.*

*Correction :*

*It can be corrected by using convex lens of suitable focal length.*