

**Q3. A far-sighted man who has lost his spectacles, reads a book by looking through a small hole (3-4 mm) in a sheet of paper. The reason will be**

- A) Because the hole produces an image of the letters at a longer distance
- B) Because in doing so, the focal length of the eye lens is effectively increased
- C) Because in doing so, the focal length of the eye lens is effectively decreased
- D) None of these

Ans: C) Man is suffering from hypermetropia. The hole works like a convex lens.