

Q2. A magnifying glass is used, as the object to be viewed can be brought closer to the eye than the normal near point. This results in

- (a) a larger angle to be subtended by the object at the eye and hence, viewed in greater detail**
- (b) the formation of a virtual erect image**
- (c) increase in the field of view**
- (d) infinite magnification at the near point**

Ans: (a, b)

A magnifying glass is used, as the object to be viewed can be brought closer to the eye than the normal near point. This results in a larger angle to be subtended by the object at the eye and hence, viewed in greater detail. Moreover, the formation of a virtual erect and enlarged image, takes place