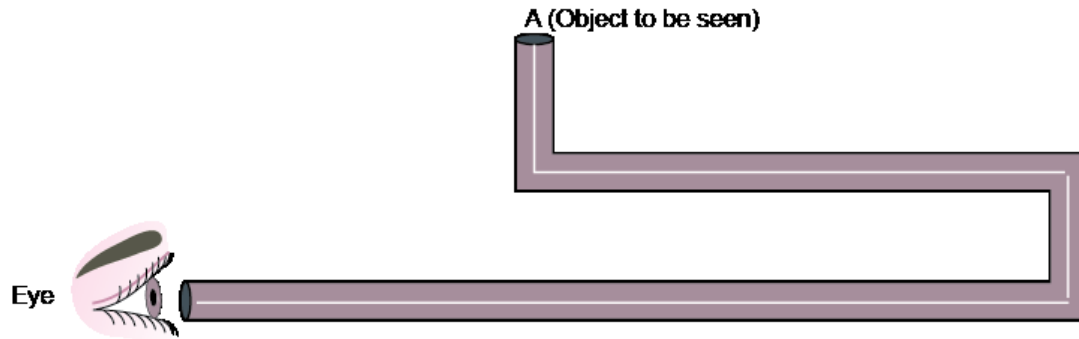


## Long Answer Questions

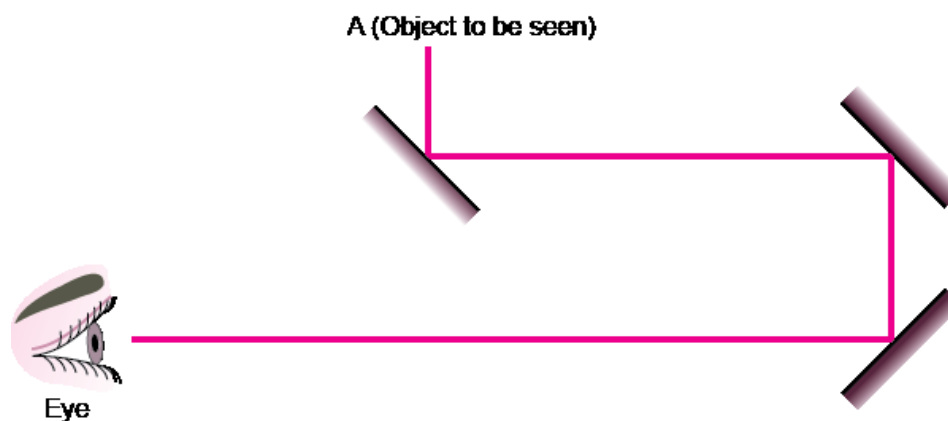
**Q. 1.** Boojho planned an activity to observe an object A through pipes as shown in figure below, so that he could see objects which he could not directly see.  
[NCERT Exemplar]



- (i) How many mirrors should he use to see the objects?
- (ii) Indicate the positions of the mirrors in the figure.
- (iii) What must be the angle with respect to the incident light at which he should place the mirrors?
- (iv) Indicate the direction of rays in the figure.
- (v) If any of the mirrors is removed, will he be able to see the objects?

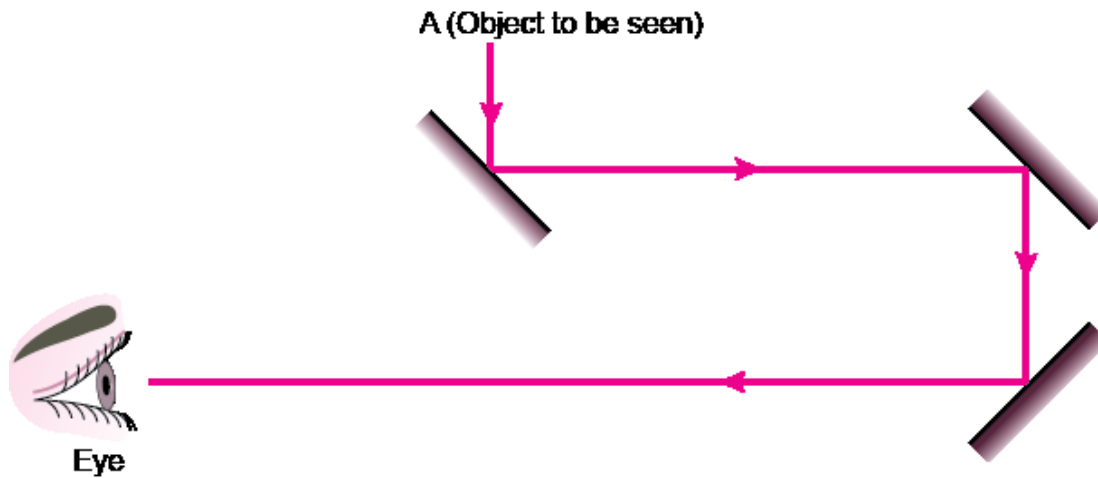
**Ans. (i)** Three

**(ii)**



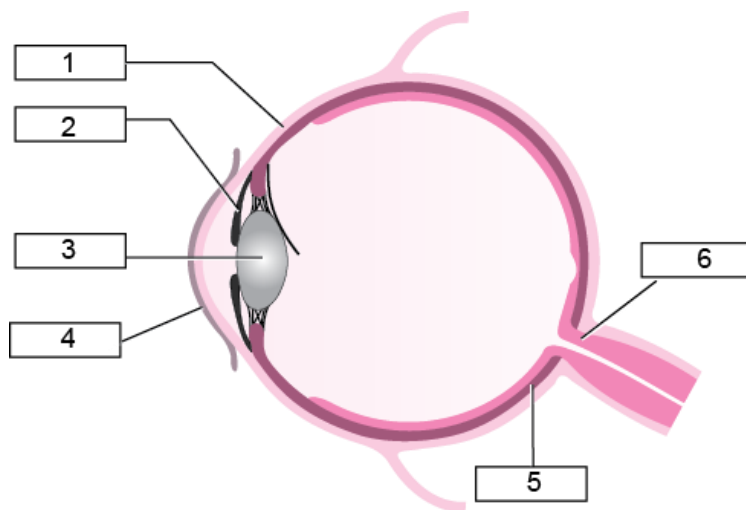
**(iii)**  $45^\circ$

**(iv)**



(v) No, he will not be able to see the objects.

**Q. 2. Write down the names of parts of the eye marked in the figure given below.**  
[NCERT Exemplar]



**Ans. (i)** Ciliary muscle

**(ii)** Iris

**(iii)** Lens

**(iv)** Cornea

**(v)** Retina

**(vi)** Optic nerve