

**DELHI PUBLIC SCHOOL, JAMMU**  
**SESSION-2024-25**  
**ASSIGNMENT**  
**MONTH-AUGUST**

**Class: X**

**Subject: Physics**

1. Hypermetropia is due to; 1
  - (a) Increase in focal length
  - (b) Decrease in focal length
  - (c) Weakening of ciliary muscles
  - (d) None of these.
  
2. Focal length of eye lens is adjusted by: 1
  - (a) Cornea
  - (b) Ciliary muscles
  - (c) Retina
  - (d) None of these
  
3. Assertion: In Myopia we cannot see far off objects. 1  
Reason: Myopia is due to decrease in focal length.
  
4. Give two functions of ciliary muscles. 2
  
5. Define dispersion and cause of dispersion. 2
  
6. Give difference between Myopia and Hypermetropia. 3