

11. Magnifying power of simple microscope

- A. increase with increase in focal length      B. increase with decrease in focal length  
C. no effect with decrease or increase with focal length      D. list distance of distinct vision

**Answer:** Option B

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12. Image of an object 5 mm high is only 1 cm high. Magnification produced by lens is

- A. 0.5      B. 0.2  
C. 1      D. 2

**Answer:** Option D

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13. The least distance of distinct vision for a normal eye is

- A. 15 cm      B. 25 cm  
C. 30 cm      D. 40 cm

**Answer:** Option B

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14. Least distance of distinct vision

- A. increases with increase in age      B. decreases with increase in age  
C. neither increases nor decreases      D. becomes infinite after 60 years

**Answer:** Option A

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15. If a convex lens of large aperture fails to converge the light rays incident on it to a single point, it is said to suffer from

- A. chromatic aberration      B. spherical aberration  
C. both spherical and chromatic      D. distortion

**Answer:** Option B



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