5. Human Eye and Colorful World

1. The value of least distance of distinct vision is about____.
2. The distance between the eyes lens and retina is about____.
3. The maximum focal length of the eye lens is about____.
4. Myopia can be corrected by using ____ lens.
5. Hypermetropia can be corrected by using ____ lens.
6. Angle of vision for a healthy human is ____.
7. The process of adjusting focal length is called ____.
8. ____explained the phenomenon of scattering of light in gages and liquids.
9. The human eye forms the image of an object____.
10. The splitting of white light into different color ____is called____.
11. The value of least distance of distinct vision is about? ( )

    a) 2.5cm b) 25cm c) 100cm d) 2.277cm

12. The distance between the eye lens and retina is about ( )

    a) 2.5cm b) 25cm c) 2.27cm d) 2cm

13. Change in the focal length of the eye lens is due to ( )

    a) Iris b) Cornea c) Ciliary Muscles d) Cones

14. Myopia can be corrected by using ____ lens. ( )

    a) Biconvex b) Bi Concave c) Plano Convex d) Plano Concave

15. Hypermetropia can be corrected by using ____ lens. ( )

    a) Bi convex b) Bi concave c) Plano Convex d) Plano Concave

16. The splitting of white light into different colors is called ( )

    a) Deviation b) Dispersion c) Scattering d) Refraction

17. The process of reemission of absorbed light in all directions with different intensities by atom or molecule is called ____ of light? ( )

    a) Scattering b) Dispersion c) Reflection d) Refraction

18.____ is the essential part of the eye act as a sensitive screen? ( )

a) Cornea b) Pupil c) Iris d) Retina

19.____ can relax and contract, there by adjusting the size of an aperture ( )

a) Iris b) Pupil c) Yellow Spot d) Blind Spot

20.The reason for the blue color of sky is due to the molecules of ____ and ____.

( )

a) H_2O, CO_2 b) N_2, O_2 c) O_2, CO_2 d) H_2, O_2

Answers

1) 25 cm’s 2) 2.5 cm’s

3) 2.27 cm’s 4) Biconcave

5) Biconvex 6) 600

7) Accommodation 8) Sir. C.V. Raman

9) Retina 10) VIBGYOR, Dispersion.

11) b 12) a

13) c 14) b

15) a 16) b

17) a 18) d

19) b 20) b.