

PHYSICS

HUMAN EYE AND COLOURFUL WORLD QUESTIONS

1. What is the least distance of distinct vision ?
2. What is angle of vision?
3. What is meant by “accommodation” ?
4. Doctor advised to use 2D lens. What is its focal length ?
5. Define dispersion of light.
6. Define scattering of light.
7. What is Raman Effect?
8. What is the use of Raman Effect?
9. What are the functions of rods and cones in the eye?
10. Why the pupil appears black ?
11. Why deviation is minimum for red color ?
12. What will be the colour of the sky in the absence of atmosphere ?
13. Why do clouds appear white ?
14. How is rainbow formed in the sky ?
15. Why is the sequenc of colours in the secondary rainbow reverse of that in the primary rainbow?
16. Lakshmi can see nearby objects clearly but not able to see distant objects clearly .
 1. What is her eye defect ?
 2. Which lens do you suggest to correct her eye defect ?
17. Vyshnavi can see letters on the black board when he sat last bench but not able to read text book when it kept near to her .
 1. What is her eye defect ?
 2. Which lens do you suggest to correct her eye defect ?
18. What are L and H in the following figure?
19. Name the angles A and d in the figure.
20. What type of eye defect in the given figure and what type of lens used to correct this eye defect?

20..



Eye defect is myopia and bi-concave lens is used to correct this eye defect