

**OPTOMETRY
PAPER-II
VISUAL OPTICS**

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark
Color pencil.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Write in detail about Hypermetropia.
2. Define Retinoscopy. Discuss the technique, principles and practice of retinoscopy.
3. Describe different visual activity charts and their applications.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Jackson cross cylinder.
5. Aphakia.
6. Strims conoid.
7. AC/A ratio.
8. Types of myopia.
9. Components of eye as optical system.

Write briefly on the following:

10 X 3 = 30

10. RAF ruler.
11. Spherical equivalent.
12. Post mydriatic test.
13. With the rule Astigmatism.
14. Amblyopia.
15. Anisometropia.
16. Vergence.
17. Kappa angle.
18. Contrast sensitivity.
19. Cardinal points of eye.
