

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

B.Sc. (ALLIED HEALTH SCIENCES) SECOND YEAR DEGREE EXAMINATIONS:

FEBRUARY, 2026

OPTOMETRY

PAPER-II

VISUAL OPTICS

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Write in detail about Aphakia.
2. Cardinal points of Eye.
3. Different visual acuity charts and their applications.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Anomalies of accommodation.
5. Fogging.
6. Aniseikonia.
7. Convergence insufficiency.
8. Signs of Pseudophakia.
9. Pathological myopia.

Write briefly on the following:

10 X 3 = 30

10. Cycloplegia.
11. Angle alpha and kappa.
12. Magnification.
13. RAF ruler.
14. Hirschberg test.
15. Facultative hypermetropia.
16. Transpose: +3.00sph/-1.00D cylX55.
17. Astigmatic fan.
18. Corneal curvature and its measurement.
19. Binocular refraction.
