

PAPER CODE: AHS15011

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES

TELANGANA STATE, WARANGAL – 506 002

B.Sc. (Allied Health Sciences), SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:

OCTOBER, 2025

OPTOMETRY

PAPER II

VISUAL OPTICS

Time: 3 Hours

Max Marks: 80

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

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Write in detail about Myopia.
2. Write in detail about Astigmatism.
3. Define Accommodation and AC/A ratio. Discuss in detail anomalies of accommodation and management.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Colour vision.
5. Pseudophakia.
6. Methods of testing visual acuity in children.
7. Aniseikonia.
8. Contrast sensitivity tests.
9. Prisms.

Write briefly on the following:

10 X 3 = 30

10. Hirschberg test.
11. Pinhole test.
12. Fogging.
13. Magnification.
14. Uses of cross cylinder.
15. Vertex distance.
16. Latent Hypermetropia.
17. Visual angle.
18. Maddox wing.
19. Null point.
