

PAPER CODE: 1120

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

M.D/ M.S DEGREE EXAMINATIONS: OCTOBER 2025

OPHTHALMOLOGY

PAPER – I

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on the following:

10 X 10 = 100

1. Describe the microscopic anatomy of the Photo receptors.
2. Briefly discuss the Production and drainage of aqueous humor.
3. Write a brief note on the metabolism of the cornea.
4. Discuss the uses of Prisms in Ophthalmology.
5. Describe the optics of Direct Ophthalmoscope.
6. What are the field defects in optic chiasmal and optic tract lesions.
7. Briefly discuss Dark adaptation.
8. Write a short note on ERG (Electro retinography).
9. Discuss IOL power calculation in Eyes with a shorter axial length.
10. Describe the histopathology of Retinoblastoma.
