

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002
P.G. DIPLOMA EXAMINATIONS – OCTOBER 2025
DIPLOMA IN OPHTHALMOLOGY
PAPER – I

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

4 X 15 = 60

1. Discuss the anatomy, nerve supply and action of Superior oblique muscle. Add a note of Brown's syndrome. (10+5)
2. Describe the anatomy of the Crystalline lens. Discuss the biochemical changes that occur in the lens in case of a senile cataract.
3. Discuss the factors affecting Intraocular pressure. Add a note on diurnal variations of Intra Ocular Pressure.
4. Discuss the Third nerve nuclei and its applied aspects. Add a note on features of aberrant degenerations of third nerve. (5+5+5)

Write a short note on the following:

4 X 10 = 40

5. Write brief on histopathology of malignant melanoma of Choroid.
6. Discuss anti-fungal drug used in ophthalmology.
7. Discuss the Vitreous substitutes.
8. Discuss the microbiological tests to detect Acanthamoeba keratitis. Mention four causes of ring infiltrate on the cornea.
