

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002
POST DOCTORAL FELLOWSHIP EXAMINATIONS: DECEMBER, 2024**

**REFRACTIVE SURGERY AND PHACOEMULSIFICATION
PAPER–II**

Time: 3 Hours.

Max Marks: 100

Note: Answer all questions with neat diagrams whenever necessary
All question carry equal marks.

Write an essay on the following:

10 X 10 = 100

1. Describe various IOL power calculation formulae and how will you calculate IOL power in post refractive surgery patient.
2. Contraindications for corneal refractive surgeries.
3. Describe different types of premium IOL's.
4. Describe Phaco in soft cataracts.
5. Discuss refractive surgery options for a Keratoconus patients post corneal collagen linkage.
6. Differentiate between regression, progression and ectasia post LASIK with respect to refractive error.
7. Discuss tear film structure and its importance and management in pre-operative and postoperative period.
8. What is positive and negative dysphotopsia. Enumerate its causes in detail.
9. Describe in detail about Pupil expansion devices and its types.
10. Discuss in detail the Management of a patient with post-herpetic scar planning for cataract surgery.
