

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

POST DOCTORAL FELLOWSHIP EXAMINATIONS: SEPTEMBER, 2023

**CATARACT SURGERY
Paper–II**

Time: 3 Hours.

Max Marks: 100

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

Write an essay on the following:

10 X 10 = 100

1. List a few types of advanced IOL Fixation techniques and describe briefly about each.
2. A patient had Cataract Surgery 4 days ago and who has vision with only light perception. How would you manage the patient.
3. How to manage a Posterior Polar cataract and what are the issues associated with it.
4. Describe in detail the management of a Diabetic patient undergoing cataract Surgery. What are the Probable Post Op Scenarios to deal with.
5. How to calculate and manipulate the SIA (Surgically induced Astigmatism).
6. Discuss various designs and materials of IOL's.
7. Effect of Blunt Trauma on Lens. Management of Subluxated Lens following Trauma.
8. A 6-year-old boy presents with unilateral Leukocoria. What is differential diagnosis and describe management of its most common cause.
9. Enumerate principle, advantages and disadvantages for various modalities for anterior segment imaging.
10. Define in relation to Phacoemulsification:
 - a. Flow rate and Vacuum.
 - b. Rise Time and effective Phaco Time.
