

PAPER CODE: CS001

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002
POST DOCTORAL FELLOWSHIP EXAMINATIONS: AUGUST, 2024
CATARACT SURGERY
PAPER–I

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. Explain the concept of Presbyopia-correcting IOLs (PCIOLs) and their limitations.
2. Describe the surgical techniques used for managing complicated cataracts, such as subluxated lenses or those with zonular weakness.
3. Discuss the role of combined cataract and glaucoma surgery for patients with coexisting conditions.
4. What are the considerations and potential challenges for managing cataracts in pediatric patients.
5. Discuss the role of femtosecond laser technology in refractive cataract surgery and its potential benefits.
6. Discuss in detail the Various Corneal pathologies which you come across while assessing a patient for Cataract Surgery and how these Pathologies impact Cataract Surgery Outcomes
7. What are the advantages & disadvantages of Phaco-emulsification compared to SICS and MICS?
8. Describe Enhance Monofocal /Monofocal plus
9. Describe Corneal ectasias in Refractive cataract surgery
10. Parameters involved in fluid dynamics in Phacoemulsification
