

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

**REFRACTIVE SURGERY AND PHACOEMULSIFICATION**  
**PAPER–II**

**Time: 3 Hours.**

**Max Marks: 100**

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

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**Write an essay on the following:**

**10 X 10 = 100**

1. What are the Intacs. Brief the potential complications of Intacs.
2. Indications, contraindications and complications of phakic IOL.
3. Describe the different modes in Phaco power and their advantages.
4. Recent advances in management of postoperative astigmatism.
5. Describe phacoemulsification Brown/Hard cataracts.
6. Explain Keratoconus. Recent advances in C3R.
7. Discuss presby LASIK.
8. Describe in detail conditions that cause shallow AC following cataract Surgery.
9. How to calculate and manipulate the SIA (surgically induced astigmatism).
10. Define in relation to phacoemulsification:
  - a) Flow rate and vacuum
  - b) Rise time and effective phaco time

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