

**Third Year B.Sc Optometry Degree Regular/Supplementary Examinations
November 2025**

**Contact Lens
(2016 Scheme)**

Time: 2 hrs

Max marks: 40

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*
- *Simple calculator shall only be permitted*

Essay

(10)

1. Explain the various methods of manufacturing soft contact lenses. Discuss the advantages and disadvantages of each technique.

Short notes

(3x5=15)

2. Describe the stabilization techniques used in toric soft contact lenses with diagrams.
3. Differentiate between infiltrative keratitis, asymptomatic infiltrative keratitis, and asymptomatic infiltrates.
4. What are the indications and contraindications of contact lens wear.

Answer briefly

(5x2=10)

5. What is the role of tear film in soft contact lens fitting.
6. Mention the types of deposits found on soft contact lenses.
7. What is the LARS rule. Give an example.
8. What are the symptoms of a loose-fitting soft contact lens.
9. Define oxygen transmissibility and its relevance in contact lens wear.

One word answer (True or False)

(5x1= 5)

10. Dimple veiling is caused by trapped air bubbles under RGP lenses.
11. Water content of lidofilcon is 55%.
12. Retro-illumination is the best slit lamp technique to observe corneal neovascularization.
13. Piggyback lenses involve two soft lenses worn together.
14. High modulus lenses are more flexible than low modulus lenses.
