

**Third Year B.Sc Optometry Degree Supplementary Examinations
April 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. What instructions will you give to your patient, wearing contact lenses for the first time regarding the care and maintenance of soft contact lens.

Short notes

(3x5=15)

2. Describe different fits of contact lenses with an appropriate diagram.
3. Differentiate stries, folds, vacuoles, bullae and dimple veiling.
4. What are the different type of contact lenses for the presbyopes

Answer briefly

(5x2=10)

5. How accommodation is affected when a myopic patient is shifted from spectacle to contact lens
6. What are the symptoms of a tight-fit lens.
7. Mention the types of stabilizing techniques used in toric soft contact lenses.
8. What is watermelon seed principle.
9. Contact lenses for correction of Astigmatism.

One word answer (True or False)

(5x1= 5)

10. Glands of Krause and Wolfring contribute to the lipid phase of the basal tears.
11. Normal eyes blink 15-20 times per minute.
12. Leonardo da Vinci described the concept of a 'contact lens'.
13. Habb's striae is the horizontal white lines seen in keratoconus patient.
14. Silicon hydrogel contact lenses have more modulus of elasticity as compared to 55% hydrogel contact lenses.
