

**Q.P. Code: 322013**

**Reg. No.:.....**

**Third Year B.Sc Optometry Degree Supplementary Examinations  
August 2021**

**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*

**Essay (10)**

1. Explain the different manufacturing methods of contact lens. Write briefly about any one of the manufacturing method along with its limitation.

**Short notes (3x5=15)**

2. How will you decide upon first trial contact lens for your patient. Explain with proper example.
3. Differentiate SEAL and SMILE.
4. Explain the classification of keratoconus.

**Answer briefly (5x2=10)**

5. How accommodation is affected when a myopic patient is shifted from spectacle to contact lens.
6. If the soft contact lens is placed inside out, what are the symptoms noted by the patient.
7. Mention the types of stabilizing techniques used in contact lens.
8. "Unilateral aphakic patient will be able to restore his/her stereopsis with the use of contact lens" justify this statement.
9. Explain the importance of rinsing.

**One word answer (5x1= 5)**

10. Glands of Krause and Wolfring contribute to the ..... phase of the basal tears.
11. Overnight corneal oedema in normal eyes without contact lens is .....
12. .... described the concept of a contact.
13. Vogt's striae are the horizontal white lines seen in ..... patient.
14. Silicon hydrogel contact lenses have ..... modulus of elasticity as compared to 55% hydrogel contact lenses.

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