

Q.P. Code: 322013

Reg. No.:.....

**Third Year B.Sc Optometry Degree Supplementary Examinations  
February 2020**

**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. What is astigmatism. What are the types of contact lenses available to correct astigmatism. List the indication and contraindications for each of them.

**Short notes**

**(3x5=15)**

2. Physical and physiological properties of contact lens materials
3. Materials used for soft contact lens.
4. Fitting in aphakia

**Answer briefly**

**(5x2=10)**

5. Characteristics of steep and flat fit
6. Disinfecting agents and their importance
7. Advantages of disposable contact lenses
8. LARS rule
9. Indications for therapeutic lenses

**One word answer**

**(5x1= 5)**

10. The normal sagittal depth of the cornea is -----
11. ----- can be viewed by specular reflection using a slit lamp biomicroscope at high magnification.
12. ----- is the microorganism responsible for contact lens induced microbial keratitis
13. Vertex distance compensation is made in case of contact lens of power more than .....
14. Central clearance fluorescein pattern in RGP lens indicates -----

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