

**Q.P. Code: 312013**

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

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

**Dispensing optics, Mechanical optics, Contact lens and Low vision aids**

**(2014 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. Describe the steps in fitting contact lenses for a young adult with low myopia

**Short notes**

**(3x5=15)**

2. Boxing system
3. Kreb's cycle
4. Steps in selecting low vision aids

**Answer briefly**

**(5x2=10)**

5. Crest angle
6. List RGP lens materials
7. Suggest frame shapes for oval and diamond faces
8. Indications for special lenses
9. Advantages and disadvantages of hand magnifiers

**One word answer**

**(5x1= 5)**

- 10..... temple is suitable for children with physical disabilities
- 11..... measures the corneal curvature
12. An increase in endothelial cell size is termed as .....
- 13..... is the commonest cause of low vision
14. Blurring of vision immediately after blink indicates ..... fit

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