

**Q.P. Code: 312013**

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

**Third Year B.Sc Optometry Degree Supplementary Examinations  
August 2019**

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

**(2014 Scheme)**

**Time: 2 hrs**

**Max marks: 40**

- **Answer all questions**
- **Draw diagram wherever necessary**

**Essay (10)**

1. Discuss the various faults seen on the lens surface during manufacturing of lenses.

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

2. Galilean vs Keplarian telescope
3. Different types of pliers
4. Slit lamp examination for contact lens patients

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

5. Importance of history taking in low vision clinic
6. Any three indications for special lenses
7. Difference between bifocal and progressive addition lenses
8. Disadvantages of thermal disinfection of soft contact lenses
9. Uses of stand magnifier

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

10. The average diameter of soft contact lenses is .....
11. Piggyback lenses are fitted in .....
12. The oxygen permeability of PMMA lenses is .....
13. The angled edge of a spectacle lens is called .....
14. .... lenses has a refractive index of 1.590

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