

**Q.P. Code: 312013**

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

**Third Year B.Sc Optometry Degree Examinations August 2017**

**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. Define low vision. What are the ways to determine the magnification required for the patient.

**Short notes**

**(3x5=15)**

2. Draw and discuss Amsler testing
3. Inspection of faults of lenses
4. Indications and contraindications for contact lens fitting

**Answer briefly**

**(5x2=10)**

5. Advantages of chemical disinfection
6. Uses of keratometer
7. List any six RGP material
8. CCTV magnifier
9. Indications for soft contact lenses

**One word answer**

**(5x1= 5)**

10. CR-39 has a refractive index of .....
11. Silicone hydrogel lenses are prescribed as ..... lenses
12. Trivex lenses are recommended for .....
13. Tweezers are used for ..... adjustments
14. .... are fitted 2 mm smaller than the corneal diameter

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