

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 Keplerian 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
