

**Second Year B.Sc Optometry Degree Supplementary Examinations
October 2018**

Clinical Examination of Visual Systems & Instruments

(2010 scheme)

Time: 3 hrs

Max marks: 80

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

Essays

(2x15=30)

1. Describe different techniques of tonometry. Mention the principles, advantages and disadvantages of each.
2. What is low vision. Describe the different types of low vision aids.

Short notes

(5x5=25)

3. Snellen's charts
4. Tests for BSV
5. Optics of manual keratometry.
6. Cover tests
7. Describe the nomenclature and uses of prisms in ophthalmology

Answer briefly

(10x2=20)

8. Inter pupillary distance
9. Color vision charts.
10. Trial frames
11. Gonioscopes
12. Lensometer
13. RAF rule
14. Bjerrum screen
15. Placido's disc
16. Jone's dye test
17. FRIEND test

One-word answer

(5x1=5)

18. Corneal endothelial cell count is measured by
19.scan is contra indicated in intraocular foreign body.
20. A scan is used to measure.....
21. One test for detecting dry eye.
22. Two uses of convex lens