

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

**Clinical Examination of Visual System and Ophthalmic Instruments**

**(2014 scheme)**

Time: 2 hrs

Max marks: 40

- Answer all questions
- Draw diagrams wherever necessary

**Essay**

(10)

1. Discuss the different methods and indications for evaluation of field of vision.

**Short notes**

(3x5=15)

2. Describe the optics of lensometry with diagrams.
3. Discuss the technique of applanation tonometry.
4. Discuss the methods of evaluation of the accommodation and convergence

**Answer briefly**

(5x2=10)

5. Principle of pin hole testing
6. Design of the trial frame
7. Uses of Maddox rod
8. Principle of biometry
9. Uses of ultrasound B scan.

**Fill in the blanks**

(5x1=5)

10. One contra-indication for instilling a cycloplegic eye drop is \_\_\_\_\_
11. One indication of duochrome test is \_\_\_\_\_
12. One cause for deep anterior chamber is \_\_\_\_\_
13. The normal radius of curvature of the anterior surface of the cornea is \_\_\_\_\_
14. One indication for the use of synoptophore is \_\_\_\_\_

\*\*\*\*\*