

**Second Year B.Sc Optometry Degree Supplementary Examinations
April 2019**

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 optics of slit lamp bio microscopy. Add a note on the techniques of slit lamp examination of the anterior and posterior segments of the eye.

Short notes (3x5=15)

2. Describe the technique of streak retinoscopy with diagrams.
3. Discuss the techniques of photography of the anterior segment of the eye.
4. Discuss the methods of evaluation of the posterior segment in the presence of a hazy media

Answer briefly (5x2=10)

5. Principle of Snellen's chart
6. Principle of gonioscopy
7. Uses of RAF rule (Royal Air Force Rule)
8. Uses of keratometer
9. Technique of lacrimal syringing test.

Fill in the blanks (5x1=5)

10. One contra-indication for MRI of the eye in case of ocular trauma is _____
11. One cause for keratitis which is associated with diminished corneal sensation is _____
12. The colour vision test which is useful in screening congenital colour blindness is _____
13. The choice of charts for testing visual acuity in illiterates is _____
14. One indication for the use of Maddox wing is _____
