

Q.P. Code: 215013 (new scheme)

Reg. No.:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
April 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 principle and methods of testing colour vision. Describe any one method of colour vision testing.

Short notes (3x5=15)

2. Describe the optics of direct ophthalmoscopy with diagrams.
3. Discuss the techniques of objective optometers.
4. Discuss the normal light reflex of the pupil. Add a note on swinging flash light test

Answer briefly (5x2=10)

5. Principle of Snellen's visual acuity chart.
6. Uses of ultrasound A scan
7. Indications for CT scan of the orbit
8. Uses of bagolini striated glass
9. Uses of prisms in the examination of the eye.

Fill in the blanks (5x1=5)

10. One indication for scleral indentation during indirect ophthalmoscopy is _____
11. is the principle of applanation tonometry.
12. The magnification obtained in indirect ophthalmoscopy is _____
13. The normal thickness of the central cornea is _____
14. One indication for the use of Amsler grid is _____
