

**QP Code: 225013**

**Reg. No.....**

**Second Year B.Sc Optometry Degree Supplementary Examinations  
May 2024**

**Clinical Examination of Visual System and Ophthalmic Instruments  
(2016 Scheme)**

**Time: 2 hrs**

**Max. Marks: 40**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays (10)**

1. Define retinoscopy. Describe the various techniques of retinoscopy. What are the currently available types of retinoscopes.

**Short Notes (3x5=15)**

2. Near vision charts.
3. What are the various methods of fundus examinations.
4. Importance of family history in eye diseases.

**Answer Briefly (5x2=10)**

5. What is keratometry. Enumerate briefly.
6. Explain the slit lamp technique used to evaluate the corneal endothelium.
7. Examination of colour vision.
8. Potential acuity meter.
9. Gonioscopy.

**Fill in the Blanks (5x1=5)**

10. The normal thickness of the central cornea is .....
11. One indication for the use of Amsler's grid is .....
12. Specular reflection is used for .....
13. Maddox rod is used to detect.....
14. Grid pattern in ophthalmoscope is used for .....

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