

QP Code: 225013

Reg. No.....

**Second Year B.Sc Optometry Degree Regular/Supplementary
Examinations November 2025**

**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. Write the principle, construction, working and clinical applications of Slit lamp with suitable diagram

Short Notes (3x5=15)

2. Write short note on Applanation tonometer
3. Describe the testing procedure of Ishihara colour vision chart
4. Discuss the construction of Snellen visual acuity chart

Answer Briefly (5x2=10)

5. Define visual field
6. What instrument is used to check the grades of the binocular vision
7. What is the principle of duochrome
8. Name the types of aberrations
9. What are the indications for performing Electro retino gram

Fill in the Blanks (5x1=5)

10. _____ is the chart most commonly used to measure visual acuity in clinical practice
11. The device used to measure the interpupillary distance for spectacle fitting is called a _____
12. _____ is the instrument used to assess the anterior and posterior segments of the eye through direct or indirect illumination
13. In retinoscopy, the movement of reflex observed in a myope of -2.00Dsph; when the retinoscopy is performed at a distance of 50cm is _____
14. The _____ is an instrument used to measure the curvature of the anterior surface of the cornea
