

QP Code: 225013

Reg. No.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
May 2023**

**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. Discuss the principle of Snellen's chart and add a note on various types of charts available for distance and near vision testing.

Short Notes

(3x5=15)

2. Principle of Goldman applanation tonometer.
3. Macular function test.
4. Describe binocular single vision.

Answer Briefly

(5x2=10)

5. Confrontation test.
6. Principle of auto refractometer.
7. ERG.
8. Outline the design of a trial frame.
9. Principle of keratometry.

Fill in the Blanks

(5x1=5)

10. The magnification obtained in direct ophthalmoscope is
11. hypermetropia is corrected by inherent tone of the ciliary muscle.
12. Posterior staphyloma is seen in
13. Van Herrick's test is used in assessing.....
14. Two causes for leucocoria.
