

QP Code: 226013

Reg. No:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
June 2022**

**Visual Optics
(2016 Scheme)**

Time: 2 hours

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*

Essay

(10)

1. Write in detail about visual acuity and visual acuity charts.

Short Notes:

(3x5=15)

2. Cardinal points.
3. Aberration.
4. Sign convention.

Answer briefly

(5x2=10)

5. Vitreous.
6. Dark adaptation.
7. Name any four color vision tests
8. AC/A ratio
9. Principle of keratometry.

One Word Answer

(5x1=5)

10. Refractive index of lens nucleus.
11. Explain the normal amplitude of accommodation.
12. Angle kappa.
13. HVID and VVID of cornea.
14. Principle of duochrome test.
