

QP Code: 226013

Reg. No:.....

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

**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 about myopia, types and different methods of treatment.

Short Notes:

(3x5=15)

2. Write in detail about different stages of retinoscopy and the procedure of retinoscopy.
3. Write different components of visual acuity. Describe about Snellen visual acuity charts.
4. What is AC/A ratio. Write different methods to find AC/A ratio.

Answer briefly

(5x2=10)

5. Jackson cross cylinder.
6. Dark adaptation.
7. Ishihara test.
8. Reduced eye.
9. Spectacle magnification.

One Word Answer

(5x1=5)

10. Near point of convergence.
11. Refractive power of cornea.
12. Manifest hypermetropia.
13. Posterior focal point in aphakia.
14. Two problems of spectacle correction of aphakia.
