

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.

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