

QP Code: 226013

Reg. No:.....

**Second Year B.Sc Optometry Degree Regular/Supplementary
Examinations February 2023**

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. What is retinoscopy? What are the stages of retinoscopy? Discuss the features of retinoscopy in Myopia.

Short Notes:

(3x5=15)

Discuss the optics of Aphakia. What are the advantages and disadvantages of spectacle prescription in a case of aphakia.

2. prescription in a case of aphakia.
3. Write about color vision.
4. Methods to measure corneal curvature.

Answer briefly

(5x2=10)

5. Principle of Duochrome test.
6. Factors affecting Visual Acuity measurement.
7. Cardinal points.
8. Limitations of keratometer.
9. Draw a neat diagram of schematic eye.

One Word Answer

(5x1=5)

10. Depth of focus.
11. Accommodation.
12. Myopia.
13. Aniseikonia.
14. AC/A ratio.
