

QP Code: 226013

Reg. No:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
April 2019**

**Visual Optics
(2016 Scheme)**

Time: 2 hours

Max. Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay

(10)

1. Aphakia – causes, clinical features and management.

Short Notes:

(3x5=15)

2. Draw a schematic representation of the reduced eye marking the cardinal points.
3. Measurement of corneal curvature
4. Myopia

Answer briefly

(5x2=10)

5. Far point of accommodation
6. Jacksons Cross Cylinder.
7. Duochrome test
8. Index Hypermetropia.
9. Straddling technique

Fill in the blanks

(5x1=5)

10. The angle between the optical axis and visual axis of the eye is called ----- angle
11. The refractive status in newest born children is -----
12. Unequal image size in the two eyes is termed -----.
13. ----- is an example of monochromatic /Seidel aberration.
14. Refractive index of crystalline lens is -----.
