

QP Code: 226013

Reg. No:.....

**Second Year B.Sc Optometry Degree Regular/Supplementary
Examinations September 2019**

**Visual Optics
(2016 Scheme)**

Time: 2 hours

Max. Marks: 40

- Answer all questions
- Draw diagrams wherever necessary

Essay

(10)

1. Keratometer – principle and types of keratometer, technique and use of keratometry in optometry

Short Notes:

(3x5=15)

2. Visual acuity
3. Difficulties of retinoscopy
4. Myopia

Answer briefly

(5x2=10)

5. Near point of accommodation
6. Astigmatic fan test
7. Growth of the eye and refractive errors
8. Dark adaptation
9. Spectacle magnification and relative spectacle magnification

Fill in the blanks

(5x1=5)

10. In keratoconus, ----- reflex is seen on retinoscopy.
11. In accommodation, the ----- muscle contracts in response to parasympathetic stimulation making the zonules relax.
12. Visual angle is betweenaxis andaxis
13. "+3.00 DS / -1.00 DC X 180" is an example ofastigmatism"
14. The distance an object can be moved without noticeable blurring of the image is termed -----
