

Q.P. Code: 216013 (new scheme)

Reg. No.:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
April 2018**

Visual Optics

(2014 scheme)

Time: 2 hrs

Max marks: 40

- **Answer all questions**
- **Draw diagrams wherever necessary**

Essay (10)

1. Discuss the optics of astigmatism with neat diagrams. What are the types of astigmatism. How it is corrected.

Short notes (3x5=15)

2. What is FRIEND test. What is the basis and use of this test.
3. Discuss the method of objective refraction.
4. Discuss the importance of accommodation in hypermetropia.

Answer briefly (5x2=10)

5. What is relative spectacle magnification
6. What is depth of focus. What is its significance.
7. What is refractive ametropia. Give examples
8. What is dry refraction. What is its significance.
9. What are the methods of correction of presbyopia.

Write precise answers. (5x1=5)

10. What is the importance of distance between the observer and subject in retinoscopy
11. What is nodal point of the eye. Where is it located.
12. Define emmetropia
13. What is reduced eye
14. What is the importance of post-mydratic test
