

QP Code: 226013

Reg. No:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
February 2020**

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

1. Define Hypermetropia. Mention its components. Describe various correction methods

(2+5+3)

(3x5=15)

Short Notes:

2. Optics of Retinoscopy
3. Discuss the methods of subjective refraction
4. Pathological myopia

Answer briefly

(5x2=10)

5. Draw a neat diagram of schematic eye.
6. Explain about the angles and axis of eye
7. Write about the magnification.
8. Aniseikonia
9. Write about the light and dark adaptation.

One Word Answer

(5x1=5)

10. Anisometropia
11. Type of refractive error in new borns.
12. Near point of accommodation.
13. Presbyopia
14. What is the central thickness of cornea.
