

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)

**Short Notes:**

**(3x5=15)**

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.

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