

QP Code: 226013

Reg. No:.....

**Second Year B.Sc Optometry Degree Supplementary Examinations
May 2025
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 (10)

1. What are the signs and symptoms of a Myopic patient. How do you identify and plan for the management of the same

Short Notes:

(3x5=15)

2. Explain the procedure of JCC in brief
3. Explain in brief about evaluation of color vision
4. What is the importance of Retinoscopy. How do you perform static retinoscopy

Answer briefly

(5x2=10)

5. Sign convention
6. What are nodal points
7. Explain about Presbyopia
8. What are the aetiologies of Hypermetropia
9. Aphakia and Pseudophakia

One Word Answer

(5x1=5)

10. The amount of magnification (change in image size), when an aphakic patient is corrected with spectacles
11. Aberrations seen in high plus lenses
12. What is refractive index of Crystalline lens
13. What is the assumed dioptric power of an emmetropic eye
14. What is normal value of Axial length of Eye
