

**Second Year B.Sc Optometry Degree Regular/Supplementary
Examinations February 2021**

**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. Explain the mechanism of accommodation. Write in detail about etiology, diagnosis and treatment of presbyopia

Short Notes:**(3x5=15)**

2. Changes of refraction with age
3. Clinical features of hypermetropia
4. Procedure of streak retinoscopy

Answer briefly**(5x2=10)**

5. Explain the end point of refraction
6. Explain the causes for Anisometropia
7. In Aphakia, nodal point of the eye is moved backwards. TRUE / FALSE. Give reason
8. Classify regular astigmatism.
9. Explain the possible causes of inaccurate Retinoscopic findings

One Word Answer**(5x1=5)**

10. Early in infancy, majority of children found to have _____ type of refractive anomaly.
11. In pathological myopia, myopic crescent is usually seen in the _____ margin of the optic disc.
12. _____ is an example for with the rule astigmatism
13. Dioptric difference between far point of accommodation and near point of accommodation gives _____
14. _____ type of hypermetropia can be overcome by an effort of accommodation.
