Second Year B.Sc Optometry Degree Examinations October 2018

Visual Optics

(2016 Scheme)

Time: 2 hours   **Max. Marks: 40**

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

Essay   **(10)**

1. Streak retinoscopy – principle, technique and uses in optometry

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

2. Presbyopia
3. AC / A ratio
4. Prisms

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

5. Knapp's rule and its application
6. Relationship between accommodation and convergence
7. Difficulties in subjective and objective refraction tests
8. Cardinal points
9. Colour vision

Fill in the blanks   **(5x1=5)**

10. Difference in spherical equivalents between the two eyes is termed ---------.
11. Administration of ----------- eye drops in children is being tried to reduce the progression of myopia.
12. The angle between the pupillary axis and the visual axis is termed ---------.
13. Scheiner principle is used in ------------------.
14. Visual axis is the line connecting the fixation target and ----------------------.

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