

[LF 0212]

AUGUST 2014

Sub. Code: 1513

**DIPLOMA IN OPTOMETRY TECHNOLOGY  
SECOND YEAR**

**PAPER III – OPTOMETRIC INSTRUMENTS**

*Q.P. Code : 841513*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3x10=30)**

1. Write an essay on Retinoscopy – principle, optics, types and procedure.
2. Pre operative assessment of a patient before cataract surgery.
3. What is tonometry? Explain the different instruments used for the same - principle, procedure , merits and demerits.

**II. Write Notes on:**

**(10x5=50)**

1. Prisms in ophthalmology
2. Hess screen
3. Cross cylinder
4. Lensometer
5. Placido s disc
6. Amsler grid
7. Dry eye
8. Automated perimetry
9. Synoptophore
- 10.Types of Intra ocular lenses

**III. Short Answers on:**

**(10x2=20)**

1. Syringing for nasolacrimal duct patency.
2. 2 differences between LogMAR and Snellen charts.
3. 2 uses of prism bar.
4. Near point of Accommodation.
5. 2 uses of Maddox rod.
6. Different lenses used in indirect ophthalmoscopy.
7. Name 2 tests used in dry eye evaluation.
8. Name 2 indirect gonioscopes.
9. Name 2 tests done on patients with Keratoconus.
10. Pin hole.

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