

**B.OPTOM**  
(New Syllabus 2015-2016)

**SECOND YEAR**

**PAPER III – OPTOMETRIC INSTRUMENTS**

*Q.P. Code: 802713*

**Time: Three Hours**

**Maximum: 100 Marks**

**Answer all questions**

**I. Elaborate on:**

**(3 x 10 = 30)**

1. Types of retinoscope, merits and demerits of retinoscope. Write in detail about cycloplegic refraction.
2. Give the names of the charts used for testing distance and near visual acuity. Write the procedure of testing distance visual acuity.
3. Write in detail about auto refractionometer.

**II. Write notes on:**

**(8 x 5 = 40)**

1. Differentiate snellen and log mar chart.
2. Write about indirect ophthalmoscope.
3. Lensometer.
4. Automated perimetry.
5. Write about Pupillometer.
6. Electroretinogram.
7. Astigmatic fan test.
8. Write about B-scan.

**III. Short answers on:**

**(10 x 3 = 30)**

1. Illumination in the consulting room.
2. Maddox rod.
3. Colour vision test.
4. Write about Low vision aids.
5. Vision drum – Description and uses.
6. Prisms in ophthalmology.
7. What is Diplopia chart?
8. Write about Stenopic slit.
9. OCT.
10. HFA.

\*\*\*\*\*