B.OPTOM
(New Syllabus 2015-2016)
SECOND YEAR

PAPER II – VISUAL OPTICS – I & II

Q.P. Code: 802712

Time: Three Hours   **Maximum: 100 Marks**
Answer all questions

I. Elaborate on: (3 x 10 = 30)

1. Define accommodation. Discuss in detail the anomalies of accommodation and the management.
2. Define visual acuity. Discuss in detail the various types of visual acuity charts and their applications.
3. Write in detail about keratometry.

II. Write notes on: (8 x 5 = 40)

1. Kay pictures.
2. Visual angle.
3. Facultative Hypermetropia.
4. Second sight.
5. Pinhole.
6. Dynamic retinoscopy.
7. Cycloplegic drugs.
8. Sturm's conoid.

III. Short answers on: (10 x 3 = 30)

1. Ametropia.
2. Titmus test.
3. Presbyopia.
4. Placido disc.
5. Curvature myopia.
6. B scan.
7. Maddox wing.
8. Convergence excercises.
9. Accommodative hypermetropia.
10. Refractive index of the crystalline lens.

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