

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. Automated perimetry.
2. Describe the optics and instrumentation of direct and indirect ophthalmoscope.
3. Explain the principle of haploscope and describe any two instruments that used this principle.

II. Write notes on:

(8 x 5 = 40)

1. Ultrasound bio-microsurgery.
2. Brightness acuity test.
3. Direct ophthalmoscope.
4. Assessment of proptosis.
5. IOL power calculation.
6. Dacryocystography.
7. Gonioscopy.
8. Write about pachymeter.

III. Short answers on:

(10 x 3 = 30)

1. Uses of pinhole.
2. Signs of neutralization in retinoscopy.
3. Red and green filter.
4. Indentation tonometer.
5. Give three advantages of used a hand magnifier over the stand magnifier.
6. Uses of prism bar.
7. Two methods to measure corneal curvature.
8. Slit lamp accessories.
9. Write about EOG.
10. Hess screen.