

[LJ 1016]

OCTOBER 2016

Sub. Code: 1607

**M. OPTOM EXAMS
FIRST YEAR
PAPER VII – OPTOMETRIC INVESTIGATION**

Q.P. Code: 281607

Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Give the names of the charts used for testing distant and near visual acuity. Write the procedure of testing distant visual acuity.
2. What is tonometry? Explain the different instruments used for the same, principle, procedure, merits and demerits.

II. Write notes on: **(10 x 6 = 60)**

1. Write about illumination system in slit lamp.
2. Gonioscopy.
3. Bjerrum tangent screen.
4. Schirmer's test.
5. How is the patency of the lacrimal drainage system tested?
6. What is corneal topography?
7. Classify perimeter and mention the various field defects in glaucoma.
8. Merits and demerits of indirect and direct ophthalmoscope.
9. Electro Retinography (E.R.G).
10. Ultra sonography uses in ophthalmology.

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Time: Three hours

Maximum: 100 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Write in detail on the fundus fluorescein angiography, its phases, indications and contraindications.
2. Explain in detail on the anterior segment imaging with its clinical applications.

II. Write notes on: **(10 x 6 = 60)**

1. Write in short on the different types of colour vision tests available along with its principle.
2. Give the procedure of gonioscopy.
3. Explain on the auto-refractors, the merits and its demerits.
4. Explain the procedure for tear film assessment.
5. What is a Log MAR visual acuity chart? Explain its merits and demerits over Snellen acuity charts.
6. List down different types of tonometers with its principle.
7. What are the strategies in Humphery Visual Field Analyzer? Explain.
8. What are the tests for retinal function? Explain.
9. What are the slit lamp accessories? Explain its uses.
10. Write in brief on the Nystagmography.

[LN 1018]

OCTOBER 2018

Sub. Code: 1607

**M. OPTOM EXAMS
FIRST YEAR
PAPER VII – OPTOMETRIC INVESTIGATION**

Q.P. Code: 281607

Time: Three hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail on Automated Perimetry.
2. Explain in detail on different types of Ophthalmoscopy and their uses.

II. Write notes on:

(10 x 6 = 60)

1. Gonioscopy.
2. Ultrasound Bio Microscopy.
3. Anterior Segment OCT.
4. Photo Video keratoscope.
5. Tests for Binocular single vision.
6. Slit Lamp accessories.
7. Fundus fluorescein angiography.
8. Tonometry.
9. Nystagmography.
10. Different types of Exophthalmometer.
