

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**(DO 1224)**

**DECEMBER 2024  
(OCTOBER 2024 EXAM SESSION)**

**SUB. CODE: 3110**

**DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION**

**PAPER III – PRINCIPALS AND PRACTICE OF SURGERY OF EYE  
AND RELATED TOPICS**

*Q.P. Code: 353110*

**Time: Three Hours**

**Maximum: 100 Marks**

**Draw suitable diagram wherever necessary**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Surgical spaces of Orbit. Discuss different approaches to orbitotomy and management of unilateral proptosis.
2. Describe typical and atypical clinical features, evaluation and management of Arteritic Anterior Ischemic Optic Neuropathy.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Intravitreal implants and indications for their use.
2. Clinical features of early and late branch retinal vein occlusion.
3. Criteria for early glaucomatous visual field changes.
4. Uses of mitomycin C in ophthalmology.
5. Categories of low vision and classification of low vision aids.
6. Evaluation and management of post uveitic cataract.
7. Causes and management of a case of acquired ptosis.
8. What is pseudophakic bullous keratopathy. Clinical features and management of PBK.
9. Duane's retraction syndrome.
10. Ectopia lentis.

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**THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY**

**(DO 1025]**

**OCTOBER 2025**

**Sub. Code: 3110**

**DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION**

**PAPER III – PRINCIPALS AND PRACTICE OF SURGERY OF EYE  
AND RELATED TOPICS**

***Q.P. Code: 353110***

**Time: Three Hours**

**Maximum: 100 Marks**

**Draw suitable diagram wherever necessary**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Pathogenesis, risk factors, classification, evaluation and management of Retinopathy of Prematurity (ROP).
2. Pathogenesis, causes, presentation and management of Neovascular glaucoma.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Marcus gunn jaw winking ptosis.
2. Ocular Surface Squamous Neoplasia (OSSN).
3. Interstitial keratitis.
4. Subluxated lens: management.
5. Aqueous misdirection syndrome.
6. Intermediate uveitis.
7. Asteroid hyalosis.
8. Diabetic macular edema – OCT findings and management.
9. Chemical injury of eye.
10. Ocular manifestation of HIV infection.

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