

**POST-GRADUATE DEGREE (M.S.) EXAMINATION – JANUARY 2024**

**Time: 3 Hours**

**Max. Marks: 100**

**OPHTHALMOLOGY**

**PAPER – I**

*(Basic Sciences, optics and refraction, ocular motility and strabismus,  
Ocular pharmacology, instrumentation and investigations in ophthalmology)*

**Q.P. Code: 1269**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Question Number**

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Discuss the pupillary Anomalles with regard to light pathosay.
2. Discuss the pathology of malignant melanoma of the uvea and its clinical significance.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Colour vision tests.
4. Corneal Endothelium.
5. Bagolini's striated glass.
6. Application Tonometry.
7. Prisms in Ophthalmology.
8. Jackson's cross cylinder.

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**OPHTHALMOLOGY**

**PAPER – II**

*(Clinical Ophthalmology covering diseases of the eye: disorders of conjunctiva, cornea, sclera, uvea, lens, glaucoma, retina, optic nerve and clinical ophthalmology covering diseases of the adnexia: disorders of lids, lacrimal system, orbit)*

**Q.P. Code: 1270**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Question Number**

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Describe the etiology and clinical features of Heterophorla. How will you investigate and treat it.
2. Describe the etiopathogenesis, clinical features, diagnosis and management of fungal keratits.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Sympathetic Ophthalmites.
4. Fuch's Heterochromatic Iridocycclitis. .
5. Chemical Burns of Eye.
6. Post operative Endophthalmitis.
7. A.I.D.S in Eye.
8. Cysts of Iris.

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**OPHTHALMOLOGY**

**PAPER – III**

*(Ocular immunology, neuro-ophthalmology, paediatric ophthalmology,  
systemic ophthalmology and recent advances)*

**Q.P. Code: 1271**

Answers should be specific to the Questions asked.

Draw neat, labeled diagrams wherever necessary.

All questions are compulsory.

**LONG ESSAY QUESTIONS:**

**Question Number**

**Marks**

**2 X 20 = 40**

1. Describe the clinical findings in 3<sup>rd</sup> cranial nerve paralysis at different levels.
2. Describe the ocular manifestation of thyroid disease and discuss the management of Proptosis due to Thyroid.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Traumatic optic Neuropathy.
4. Lester tones tube.
5. Schirmer's test.
6. Ectopia Lentis.
7. Pseudo- papilloedema.
8. Crauzon Syndrome.

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**Max. Marks: 100**

**OPHTHALMOLOGY**

**PAPER – IV**

*(Surgical ophthalmology, community ophthalmology,  
Ophthalmic research and recent advances)*

**Q.P. Code: 1272**

Answers should be specific to the Questions asked.  
Draw neat, labeled diagrams wherever necessary.  
All questions are compulsory.

**Question Number**

**Marks**

**LONG ESSAY QUESTIONS:**

**2 X 20 = 40**

1. Discuss retinopathy of prematurity, etiopathogenesis. Classification, clinical trials and management.
2. Discuss anterior ischemic optic neuropathy, etiopathogenesis, classification and management.

**SHORT ESSAY QUESTIONS:**

**6 X 10 = 60**

3. Apoptosis.
4. Complicated cataract.
5. Phaco Trabeculectomy.
6. Angioid streaks.
7. Macular hole.
8. VKH Syndrome.

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