

APRIL 2001

[KD 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

(New Regulations)

Part II

**Paper II — OPTHALMIC MEDICINE AND
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe signs and symptoms of Acute Iridoeyelitis. Add a note on investigation and management. (25)
 2. An infant is brought with Bilateral Corneal Opacities. How do you investigate? (25)
 3. Short notes : (5 × 10 = 50)
 - (a) Latanoprost
 - (b) Sunflower cataract
 - (c) Nd-yag Laser
 - (d) SRF Drainage
 - (e) Diabetic Maculopathy.
-

NOVEMBER 2001

[KE 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

(New Regulations)

Part II

**Paper II — OPTHALMIC MEDICINE AND
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Discuss stages and management of Angle Closure Glaucoma. (25)
 2. Discuss Etiopathology and differential diagnosis of Papilloedema. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Management of Non healing Corneal Ulcer.
 - (b) Uveitis in Leprosy.
 - (c) Dysthyroid Ophthalmopathy.
 - (d) IOL related complications in cataract surgery.
 - (e) Surgical correction spastic entropion.
-

MARCH 2002

[KG 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

(New Regulations)

Part II

**Paper II — OPHTHALMIC MEDICINE AND
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify Ptosis. Describe the management of congenital Ptosis. (25)
 2. Describe iridocorneal endothelial syndrome. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Amniotic membrane graft.
 - (b) Corneal endothelium protection in cataract surgery.
 - (c) Age related macular degeneration.
 - (d) Cytomegalic virus retinitis.
 - (e) Acetazolamide.
-

SEPTEMBER 2002

[KH 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

(New Regulations)

Part II

**Paper II — OPHTHALMIC MEDICINE AND
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe in detail the use of anaesthetic agents in cataract surgery. (25)
 2. Describe the various surgical procedures for treating retinal detachment. (25)
 3. Write short notes on : (5 × 10 = 50)
 - (a) Central retinal artery occlusion
 - (b) Retinoblastoma
 - (c) Keratoplasty
 - (d) Endophthalmitis
 - (e) Cosmetic contact lenses.
-

APRIL 2003

[KI 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

(New Regulations)

Part II

Paper II — OPHTHALMIC MEDICINE AND
SURGERY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Describe etiology, clinical features and management of mycotic corneal ulcer. (25)
 2. What are the cause of white reflex in a child, how will you manage congenital cataract? (25)
 3. Short notes : (5 × 10 = 50)
 - (a) Complicated cataract
 - (b) Phako-Emulsification
 - (c) Lasers in ophthalmology
 - (d) A.R.M.D.
 - (e) Flurescein angiography.
-

OCTOBER 2003

[KJ 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

(New Regulations)

Part II

**Paper II — OPHTHALMIC MEDICINE AND
SURGERY**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

**M.C.Q. must be answered SEPARATELY on the
answer sheet provided as per the instructions on the
first page of the MCQ Booklet.**

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essay Questions :

- 1. Etiology, classification of orbital tumours in
childhood and management of tumours in detail. (15)**
- 2. Classification of ptosis and describe it's surgical
management. (15)**

Short notes :

(10 × 5 = 50)

- 3. (1) Cortical Blindness.**
- (2) Acute Retinal Necrosis Syndrome (ARN).**
- (3) Reis-Buckler dystrophy.**
- (4) AION (Anterior Ischaemic Optic Neuropathy).**
- (5) Lisch Nodules.**
- (6) Glaucomaflecken.**
- (7) Ophthalmodynamometry.**
- (8) Basal cell carcinoma of eyelids.**
- (9) Neovascular Glaucoma.**
- (10) Keratoprosthesis.**

AUGUST 2004

[KL 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

(New Regulations)

Part II

**Paper II — OPHTHALMIC MEDICINE AND
SURGERY**

Time : Three hours Maximum : 100 marks

**Theory : Two hours and Theory : 80 marks
forty minutes**

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

I. Essay : (2 × 15 = 30)

(1) What are ocular lesions due to acquired immuno deficiency syndrome. Discuss anterior segment lesions and their management in acquired immuno deficiency syndrome (AIDS).

(2) Discuss the advantages and disadvantages of extra capsular cataract surgery (ECCE) with posterior chamber intraocular lens implantation verses small incision scleral tunnel cataract surgery (manual-non phako-sutureless sics) with posterior chamber intra ocular lens implantation. Add a note on the steps you would like to take to prevent complications of small incision cataract surgery (SICS)).

II. Short notes : (10 × 5 = 50)

- (a) Lamellar keratoplasty
- (b) Secondary glaucomas
- (c) Ocular features of migraine and its management
- (d) Age related macular degenerations
- (e) Ocular manifestation of leprosy
- (f) Surgical treatment chemical injuries
- (g) Orbital mucor mycosis
- (h) Papillitis
- (i) Clinical features and management of active retinopathy of prematurity
- (j) Causes and management of entropion.

FEBRUARY 2005

[KM 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

(New Regulations)

PART — II

**Paper II — OPHTHALMIC MEDICINE AND
SURGERY**

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay :

(2 × 15 = 30)

(1) Classify uveitis. Describe the clinical features, complications and management of acute iridoeyelitis.

(2) LASERS in Ophthalmology.

II. Short notes on :

(10 × 5 = 50)

- (a) Topical Antiglaucoma drugs**
- (b) Proliferative Diabetic Retinopathy**
- (c) Vitreal supplements**
- (d) Calculation of I.O.L. power**
- (e) TOXIC AMBLYOPIA**
- (f) Fungal corneal ulcer**
- (g) Small incision cataract surgery**
- (h) Cherry-red spot**
- (i) Surgical correction of ENTROPION**
- (j) Concussion cataract**

MARCH 2006

[KO 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

OPHTHALMIC MEDICINE AND SURGERY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay : (2 × 15 = 30)

(1) Discuss clinical features, diagnosis and management of primary open angle glaucoma.

(2) Discuss the causes, clinical features and management of Papilloedema.

II. Short notes :

(10 × 5 = 50)

- (a) Advantages of Phacoemulsification**
- (b) Erythema multiforme major**
- (c) Kaposi's sarcoma**
- (d) Siderosis Bulbi**
- (e) Coats disease**
- (f) Metaherpetic Keratitis**
- (g) Photo therapeutic Keratectomy**
- (h) Meibomian gland carcinoma**
- (i) Branch retinal vein occlusion**
- (j) Marcus Gunn's jaw winking syndrome**

SEPTEMBER 2006

[KP 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

I. Essay questions :

(1) What are the causes of Deep Keratitis?
Describe the clinical stages and features of Interstitial
Keratitis. How is it treated? (20)

(2) What are the causes for sudden loss of vision
in adults? What is the Aetiology, Fundus picture and
differential diagnosis of papilloedema? (15)

(3) Discuss Paediatric Cataract Surgery. (15)

II. Short notes on : (6 × 5 = 30)

(a) Signs and Symptoms and treatment of
Vernal Catarrh.

- (b) What is Sturge – Weber Syndrome?
 - (c) Discuss principle of dacrocystorhinostomy.
 - (d) Leukocoria.
 - (e) Compare peribulbar & retrobulbar block.
 - (f) Cavernous sinus thrombosis.
-

[KQ 1567] MARCH 2007 Sub. Code : 3110

**DIPLOMA IN OPHTHALMOLOGY (D.O.)
EXAMINATION.**

OPHTHALMIC MEDICINE AND SURGERY

Common to

(Candidates admitted from 1993-94 onwards)

and

(Candidates admitted from 2004-05 onwards)

Time : Three hours Maximum : 100 marks

Theory : Two hours and Theory : 80 marks
forty minutes

M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions :

(1) Ocular manifestations of collagen vascular disease. (20)

(2) Ectopia Lentis, Etiology, Clinical feature and management. (15)

(3) Discuss the anatomy of optic chiasmal disease and field effects. (15)

II. Short notes : (6 × 5 = 30)

- (a) Tolosa hunt syndrome
 - (b) Ocular myasthenia
 - (c) Eale's disease
 - (d) Malignant hypertension
 - (e) Lensectomy
 - (f) Juvenile rheumatoid arthritis.
-

September-2007

[KR 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

OPHTHALMIC MEDICINE AND SURGERY

Common to

(Candidates admitted upto 2003-04)

and

(Candidates admitted from 2004-05 onwards)

Time : Three hours

Maximum : 100 marks

**Theory : Two hours and
forty minutes**

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagram wherever necessary.

I. Essay :

1. Describe in detail Diabetic Retinopathy. (20)

2. Medical Management of Open Angle Glaucoma? (15)

3. Write about SICS? How do you manage Late Post Operative Complication of Cataract Surgery. (15)

II. Short Notes :

(6 × 5 = 30)

(a) Dry Eye.

(b) Acanthamoeba Keratitis.

(c) Hyphaema

(d) Entropion.

(e) Leucocoria.

(f) Drug induced cataract.

MARCH 2008

[KS 1567]

Sub. Code : 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

OPHTHALMIC MEDICINE AND SURGERY

Common to all Regulations

Q.P. Code : 353110

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw diagrams wherever necessary.

I. Essays on : (2 × 20 = 40)

1. Describe etiopathogenesis, diagnosis and management of narrow angle glaucoma.
2. Describe etiology, diagnosis and management and concomitant strabismus.

II. Short notes on : (10 × 6 = 60)

1. Diabetic Retinopathy.
 2. Fungal corneal ulcers.
 3. Congenital cataract.
 4. Endophthalmitis.
 5. Phacoemulsification.
 6. Multifocal intraocular lenses.
 7. Ophthalmia neonatorum.
 8. Keratoconus.
 9. Pannus.
 10. Cavernous sinus thrombosis.
-

MARCH -2009

[KU 1567]

Sub. Code: 3110

**DIPLOMA IN OPHTHALMOLOGY EXAMINATION.
Paper III – OPHTHALMIC MEDICINE AND SURGERY
(Common to all Regulations)**

Q.P. Code : 353110

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions : (2 X 20 = 40)

1. Describe Ocular manifestations of AIDS.
2. A child of five (5) years was brought to you with sudden onset of painful proptosis. Discuss the approach to this case.

II. Write short notes on : (10 X 6 = 60)

1. Eales disease.
2. Herpes simplex keratitis.
3. Traumatic cataract.
4. Lamellar Keratoplasty.
5. Orbital cellulitis.
6. Enucleation.
7. Pseudo tumour.
8. Multifocal IOLS.
9. GAZE PALSY.
10. Management of amblyopia.

September - 2009

[KV 1567]

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION.

**Paper III – OPHTHALMIC MEDICINE AND SURGERY
(Common to all Regulations)**

Q.P. Code : 353110

Time : Three hours

Maximum : 100 marks

**Draw suitable diagram wherever necessary.
Answer ALL questions.**

I. Essay questions : (2 X 20 = 40)

1. Discuss the diagnosis and management of postoperative endophthalmitis.
2. Discuss etiology, clinical features and management of dendritic corneal ulcer.

II. Write short notes on : (10 X 6 = 60)

1. Early diagnosis of open angle glaucoma.
2. Non proliferative diabetic retinopathy.
3. Myasthenia gravis (Ocular).
4. Surgical correction of entropion.
5. Ocular manifestations of thyroid disease.
6. Kerato prosthesis.
7. Alkali burn injuries of eye.
8. Recent management of age related macular degeneration (ARMD).
9. Siderosis bulbi.
10. Masquerade syndrome.

March 2010

[KW 1567]

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

(Common to all candidates)

Q.P. Code : 353110

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary

Answer ALL questions

I. Essay questions :

(2 x 20 = 40)

1. Discuss in brief the differential diagnosis of leucocoria. How will you manage a case of congenital cataract in a two year old child?
2. Classify proliferative diabetic retinopathy. Discuss its pathogenesis and management.

II. Write short notes on :

(10 x 6 = 60)

1. Ptosis.
2. Optic atrophy.
3. Uveitis.
4. Hypopyon corneal ulcer.
5. Siderosis bulbi.
6. Dacryocystitis.
7. Primary open angle glaucoma.
8. Buphthalmos.
9. Keratoplasty.
10. Phlyctenular keratoconjunctivitis.

September 2010

[KX 1567]

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (D.O) EXAMINATION.

Part II-Paper II for Candidates admitted from 2008-09 onwards

And

Paper III for Candidates admitted from 2004-05 to 2007-08

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code : 353110

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions :

(2 X 20 = 40)

1. Discuss the clinical features and management of open angle Glaucoma.
2. Enumerate the various causes of vitreous haemorrhage. Discuss the evaluation and management of a Patient with Vitreous haemorrhage.

II. Write short notes on :

(10 X 6 = 60)

1. Management of Pterigium.
2. Nodular Scleritis.
3. Treatment of Bacterial Keratitis.
4. Drug delivery system in ophthalmology.
5. Proliferative Diabetic Retinopathy.
6. YAG – Capsulotomy.
7. Iris Naevus.
8. Dacryocystitis.
9. Lag ophthalmos.
10. Age related macular degeneration.

APRIL 2011

[KY 1567]

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code : 353110

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss in detail surgeries done for open angle glaucoma. What are the complications and how will you treat them?	11	35	15
2. What is Papilloedema? How will you manage it?	11	35	15

II. Write notes on :

1. Congenital dacryocystitis.	4	10	7
2. Entropion.	4	10	7
3. Interstitial Keratitis.	4	10	7
4. Granulomatous uveitis.	4	10	7
5. Vitreous hemorrhage.	4	10	7
6. What is the Eye findings in Toxemia of pregnancy? What is the role of Ophthalmologist?	4	10	7
7. Endophthalmitis – treatment regime.	4	10	7
8. Retrobulbar neuritis.	4	10	7
9. Chiasmal lesions.	4	10	7
10. Lacrimal fistula.	4	10	7

October 2011

[KZ 1567]

Sub. Code: 3110

**DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION
OPHTHALMIC MEDICINE AND SURGERY**

Q.P. Code : 353110

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Discuss in detail Esotropia and its management.	11	35 min.	15
2. What are the causes of unilateral proptosis? How will you manage and treat?	11	35 min.	15

II. Write notes on :

1. Epiphora.	4	10 min.	7
2. Limbal nodule.	4	10 min.	7
3. Uses of lasers in ophthalmology.	4	10 min.	7
4. Vitreous substitutes.	4	10 min.	7
5. Subconjunctival hemorrhage.	4	10 min.	7
6. Exposure keratitis.	4	10 min.	7
7. Cyclitis.	4	10 min.	7
8. ARMD (Age Related Macular Degeneration).	4	10 min.	7
9. Iridectomy.	4	10 min.	7
10. Congenital glaucoma.	4	10 min.	7

[LA 1567]

April 2012
DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

Sub. Code: 3110

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code : 353110

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages	Time	Marks
(Max.)	(Max.)	(Max.)

- | | | | |
|--|----|----|----|
| 1. Discuss stages of primary angle closure glaucoma and management of acute congestive stage. | 16 | 35 | 15 |
| 2. Discuss surgical steps of small incision cataract surgery and post operative complications. | 16 | 35 | 15 |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Causes, clinical features and management of Ophthalmia noenatorum. | 4 | 10 | 7 |
| 2. Clinical features and management of Acanthameba karatitis. | 4 | 10 | 7 |
| 3. Ocular affections and management of Cytomegalo virus retinitis. | 4 | 10 | 7 |
| 4. Causes, clinical features and management of panophthalmitis. | 4 | 10 | 7 |
| 5. Causes, clinical features and management of Anterior Ischemic optic neuropathy . | 4 | 10 | 7 |
| 6. Different types of age related macular degeneration and management. | 4 | 10 | 7 |
| 7. Types and evaluation of diplopia. | 4 | 10 | 7 |
| 8. Macular function tests- Importance in prognosis and management of cataract. | 4 | 10 | 7 |
| 9. Indications and steps of Faden's procedure. | 4 | 10 | 7 |
| 10. Causes and management of Vitreous Hemorrhage. | 4 | 10 | 7 |

[LB 1567]

OCTOBER 2012

Sub. Code: 3110

**DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION
OPHTHALMIC MEDICINE AND SURGERY**

Q.P. Code : 353110

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. Write in detail on management of Optic Neuritis.	16	35	15
2. Classify anti glaucoma surgeries. Write in detail about each.	16	35	15

II. Write notes on :

1. What is Pterygium ? How will you prevent recurrence?	4	10	7
2. Write the principles in Retinal Detachment surgery.	4	10	7
3. What is Cyclodialysis? Write in detail.	4	10	7
4. What are the indications for Paracentesis?	4	10	7
5. Pars Plana Vitrectomy	4	10	7
6. What are the different types of Iridectomy? Explain	4	10	7
7. How will you manage meta herpetic keratitis?	4	10	7
8. What are the features of Blow out Fracture?	4	10	7
9. Write the management of vitreous Hemorrhage.	4	10	7
10. How will you grade Retinopathy of Prematurity?	4	10	7

(LC 1567)

APRIL 2013

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code : 353110

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Discuss the ocular manifestations of diabetes
2. Discuss the aetiology, classification, signs and symptoms and management of acquired ptosis

II. Write notes on:

(10X7=70)

1. Nodular scleritis
2. Epidemic keratoconjunctivitis
3. Keratic precipitates
4. Ocular toxoplasmosis
5. Anterior ischemic optic neuritis
6. Blow out fracture
7. Acanthamoeba keratitis
8. Glaucomatocyclitic crisis
9. Dysthyroidophthalmopathy
10. Cellophane maculopathy

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code : 353110

Time: Three Hours

Maximum: 100 marks

Draw suitable diagram wherever necessary

I. Elaborate on:

(2X15=30)

1. Discuss in detail about retinoblastoma. What are the differential diagnoses for white reflex in a neonate?
2. Discuss the aetiology, classification, signs and symptoms, complications, differential diagnosis and management of iridocyclitis.

II. Write notes on:

(10X7=70)

1. Discuss about the aetiology, clinical features, progression and management of Pigment dispersion syndrome.
2. Aetiology, clinical features, classification and management of Macular hole.
3. Discuss the pathophysiology of Rhegmatogenous retinal detachment and write about its clinical features & treatment.
4. Discuss about Unilateral congenial cataract and the problems faced in its management.
5. Describe the clinical features, classification and management of Age related macular degeneration.
6. Aetiology, clinical features and management of Ligneous conjunctivitis.
7. Keratoconus and the latest progress in its management.
8. Aetiology, clinical features and management of Ectropion.
9. Classify the Drugs used in primary open angle glaucoma.
10. Aetiology, clinical features and management of Ectopia lentis.

(LE 1567)

APRIL 2014

Sub. Code:3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P.Code: 353110

Time: Three Hours

Maximum: 100 marks

Draw suitable diagram wherever necessary

I. Elaborate on: (2X15=30)

1. Describe Etiopathogenesis diagnosis and management of Narrow angle Glaucoma.
2. What is papilloedema? How will you manage it?

II. Write notes on: (10X7=70)

1. Management of Amblyopia.
2. Pseudotumour.
3. Traumatic Cataract.
4. Eales Disease.
5. Diabetic Retinopathy.
6. Hypertensive retinopathy.
7. Fungal Corneal Ulcer.
8. Phaco emulsification.
9. Macular Hole.
10. Ectopia Lentis.

(LF 1567)

OCTOBER 2014

Sub. Code:3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P.Code: 353110

Time: Three Hours

Maximum: 100 marks

Draw suitable diagrams wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Explain in detail clinical features, associated features, Investigations, management and complications of keratoconus.
2. Enumerate the various ocular manifestations of tuberculosis, their clinical features, investigations and management.

II. Write notes on: **(10 x 7 = 70)**

1. Non penetrating filtration surgeries.
2. Vogt Koyanagi Harada syndrome.
3. Hutchinson's pupil.
4. Cryo in ophthalmology.
5. Keratoprosthesis.
6. Acute retinal necrosis.
7. Congenital ptosis.
8. Limbal nodule-differential diagnosis and management.
9. Specular microscope
10. Indocyanin green.

DIPLOMA IN OPHTHALMOLOGY (D.O.) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code : 353110

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Causes, course, complications and management of vitreous hemorrhage.
2. Clinical features, diagnosis, management of thyroid eye disease.

II. Write notes on:

(10 x 7 = 70)

1. Allergic conjunctivitis.
2. Staphyloma.
3. Implants in orbit.
4. Fuchs Heterochromic Iridocyclitis.
5. Chemical injuries.
6. Branch retinal vein occlusion.
7. Entropion.
8. Central serous retinopathy.
9. Fundus fluorescein angiography.
10. Muscle weakening and strengthening procedures.

DIPLOMA IN OPHTHALMOLOGY (D.O.) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code : 353110

Time: Three Hours

Maximum: 100 marks

Answer ALL questions

I. Elaborate on:

(2 x 15 = 30)

1. Causes, clinical features and management of open angle glaucoma.
2. Etiology, clinical features, differential diagnosis, investigations and management of optic neuritis.

II. Write notes on:

(10 x 7 = 70)

1. Scleritis.
2. Bacterial endophthalmitis.
3. Recent advances in vitreo retinal surgery.
4. Intraocular foreign body – Localization.
5. Diabetic papillopathy.
6. Blepharophimosis syndrome.
7. Band shaped keratopathy.
8. Amniotic membrane transplant.
9. Toxoplasmosis chorioretinitis.
10. OCT in macular disorders.

(LI 1567)

APRIL 2016

Sub. Code:3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P.Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss the corneal Dystrophies and its management.
2. Discuss the evaluation of ptosis and management of congenital ptosis.

II. Write notes on: **(10 x 7 = 70)**

1. Posterior capsular Rent management in cataract surgery.
2. Acute congestive phase of angle closure glaucoma - clinical feature and management.
3. Fundus picture of Retinitis pigmentosa and management.
4. Leukocoria - causes management.
5. Uses of 'B' scan ultrasonogram.
6. Retinopathy of Prematurity - clinical feature and management.
7. Causes of congenital cataract and IOL power calculation in paediatric age group.
8. Macular lesion in Diabetic Retinopathy and its management.
9. Traumatic Optic neuropathy.
10. Parsplanitis.

(LJ 1567)

OCTOBER 2016

Sub. Code:3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P.Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss the Evaluation of Proptosis. Common causes of childhood proptosis.
2. Discuss the causes and management of secondary open angle glaucoma.

II. Write notes on: **(10 x 7 = 70)**

1. Deep Anterior Lamellar Keratoplasty (DALK) and Descemet-stripping Lamellar Endokeratoplasty (DSEK).
2. Subluxation of lens and its management.
3. Keratoconus.
4. Role of steroids in optic nerve lesions.
5. Proliferative Diabetic Retinopathy. Clinical picture and management.
6. Macular hole.
7. Ophthalmic neonatorum.
8. Corneal Topography - Types and uses.
9. Role of OCT in Ophthalmology.
10. Paralytic squint.

(LK 1567)

MAY 2017

Sub. Code:3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P.Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Describe various types, clinical picture and management of Retinal detachment.
2. Discuss the Surgical management of open angle glaucoma.

II. Write notes on: **(10 x 7 = 70)**

1. Lasers in treatment of Retinal diseases.
2. Endo nasal Dacryocystorhinostomy and its advantages.
3. Discodema causes and management.
4. ARMD – Different types and management.
5. Spring catarrh.
6. Viral keratitis – clinical features and management.
7. Complicated cataract – clinical features and management.
8. IOL power calculation.
9. Visual field defects in lesion in visual pathway.
10. OCT in Ophthalmology.

(LL 1567)

OCTOBER 2017

Sub. Code:3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P.Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on:

(2 x 15 = 30)

1. Etio-pathogenesis, clinical features, investigations and management of Primary Narrow Angle Glaucoma.
2. Non healing fungal corneal ulcers and describe the investigations and management of it.

II. Write notes on:

(10 x 7 = 70)

1. Pseudo-phakic bullous keratopathy.
2. Posterior ischemic optic neuropathy.
3. Retinopathy of prematurity.
4. Travoprost eye drops.
5. Dacryocystogram.
6. Pan retinal photocoagulation.
7. Ocular manifestations of HIV.
8. Complications of cataract surgery.
9. Macular hole.
10. World blindness.

[LM 1567]

MAY 2018

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P.Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Causes, course, complications and management of vitreous hemorrhage.
2. Clinical features, diagnosis, management of thyroid eye disease.

II. Write notes on: **(10 x 7 = 70)**

1. Epidemic keratoconjunctivitis.
2. Hyphema.
3. Phototherapeutic keratectomy.
4. Sympathetic ophthalmia.
5. Coat's disease.
6. Cavernous sinus thrombosis.
7. Senile Ectropion and its treatment.
8. Fundus fluorescein angiography.
9. Nd Yag Laser.
10. Orbital mucormycosis.

[LN 1567]

OCTOBER 2018

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Describe the various mechanisms of Lens induced glaucoma's and their management.
2. Types of deep lamellar keratoplasty – advantage and complication.

II. Write notes on: **(10 x 7 = 70)**

1. Vernal kerato-conjunctivitis.
2. Principles in management of Diabetic retinopathy.
3. Optic nerve head changes in POAG.
4. Enucleation.
5. Lincoff's rule.
6. Natamycin eye drops.
7. Consecutive optic atrophy.
8. Panophthalmitis.
9. Recurrent vitreous hemorrhage.
10. Stickler syndrome.

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Enumerate the ophthalmoscopic classification of optic atrophy. Discuss the evaluation and management of a patient with optic atrophy.
2. What are the causes of deep keratitis? Describe the clinical stages and feature of interstitial keratitis. How is it treated?

II. Write notes on: **(10 x 7 = 70)**

1. Role of OCT in ophthalmology.
2. Limbal Nodule.
3. Iridectomy.
4. Entropion.
5. Evaluation of Congenital cataract.
6. Sturge – weber syndrome.
7. Neovascular Glaucoma.
8. Cosmetic contact lenses.
9. Chemical injuries of the Eye.
10. Macular Function Tests.

[LP 1567]

OCTOBER 2019

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. The diagnosis and management of post operative endophthalmitis.
2. A child of five years old was brought to you with sudden onset of painful proptosis. Discuss the approach to this case.

II. Write notes on: **(10 x 7 = 70)**

1. Management of non healing corneal ulcer.
2. Uses of lasers in ophthalmology.
3. Ocular Myasthenia gravis.
4. Toxic Amblyopia.
5. Ocular manifestations of Leprosy.
6. Branch Retinal vein occlusion.
7. Types and evaluation of Diplopia.
8. Keratoconus.
9. Drug delivery system in ophthalmology.
10. Secondary Glaucomas.

[LQ 1567]

AUGUST 2020
(MAY 2020 SESSION)

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagrams wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Classify Uveitis. Describe the clinical features, complications and management of acute iridocyclitis.
2. Discuss the causes, clinical features and management of papilloedema.

II. Write notes on: **(10 x 7 = 70)**

1. Diabetic maculopathy.
2. Prostaglandin analogues.
3. CMV retinitis.
4. IOL related complications in cataract surgery and its management.
5. Amniotic membrane transplantation.
6. Short notes on current management of retinoblastoma.
7. Ectropion.
8. Lamellar keratoplasty.
9. Stages and management of Retinopathy of Prematurity (ROP).
10. Central Serous Chorio Retinopathy

[LS 1567]

NOVEMBER 2020
(OCTOBER 2020 SESSION)

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Discuss stages, clinical features and management of angle closure of glaucoma.
2. Classification of ptosis and describe in detail about its surgical management.

II. Write notes on: **(10 x 7 = 70)**

1. Phacoemulsification.
2. Multifocal IOL
3. Cavernous sinus thrombosis.
4. Ophthalmia neonatorum.
5. Herpes simplex keratitis
6. Eales disease.
7. Idiopathic inflammatory orbital diseases.
8. ANGULAR conjunctivitis.
9. Vitreous substitutes.
10. Congenital glaucoma.

(DO 0721)

JULY 2021

Sub. Code: 3110

(MAY 2021 SESSION)

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on:

(2 x 15 = 30)

1. Describe in detail about the ocular manifestations of tuberculosis and its management.
2. Describe the various surgical procedures for treating retinal detachment.

II. Write notes on:

(10 x 7 = 70)

1. Nd.Yag laser.
2. Endophthalmitis.
3. Cosmetic contact lenses.
4. Complicated cataract.
5. Age related macular degeneration.
6. Cortical blindness.
7. Anterior ischemic optic neuropathy.
8. Stromal dystrophies of cornea.
9. Management of keratoconus.
10. Ectropion.

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

[DO 1121]

NOVEMBER 2021

Sub. Code: 3110

(OCTOBER 2021 SESSION)

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on:

(2 x 15 = 30)

1. What are the causes of Leucocoria. How will you manage a case of Congenital Cataract?
2. Describe in detail about the Etiology, Causes, Clinical Features, Investigations and Management of Dry Eye.

II. Write notes on:

(10 x 7 = 70)

1. Phakic IOLS.
2. Neovascular Glaucoma.
3. Accommodative Esotropia.
4. Surgical Management of Entropion.
5. Siderosisbulbi.
6. Coat's Disease.
7. Toloso Hunt Syndrome.
8. Still's Disease.
9. Herpes Simplex Keratitis.
10. Anti VEGFS.

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

(DO 0522)

MAY 2022

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Describe in detail about etiopathogenesis of iridocyclitis, Investigations and management.
2. Enumerate the Anterior chamber angle and surgical management of glaucomas.

II. Write notes on: **(10 x 7 = 70)**

1. Panophthalmitis
2. Keratoconus
3. Entropion
4. Primary optic atrophy
5. Retinopathy of Prematurity
6. Hirschberg Test
7. Carotid cavernous Fistula
8. Classification of Retinoblastoma
9. Ectopia Lentis
10. Giant Papillary Conjunctivitis.

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

(DO 1022)

OCTOBER 2022

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on:

(2 x 15 = 30)

1. Orbital Cellulitis and describe in detail investigations needed in Orbital lesions.
2. Classify Diabetic Retinopathy and management in each stage.

II. Write notes on:

(10 x 7 = 70)

1. Retinoblastoma staging and management.
2. Malignant Glaucoma.
3. Adie's Pupil.
4. Anterior Scleritis.
5. Disciform Keratitis.
6. Angular Conjunctivitis.
7. Ocular Myasthenia.
8. Corrections of Aphakia.
9. Central Retinal Artery Occlusion.
10. Cortical Blindness.

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

(DO 0723)

**JULY 2023
(MAY 2023 EXAM SESSION)**

Sub. Code: 3110

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on: **(2 x 15 = 30)**

1. Classification of Retinopathy of Prematurity. Screening Protocol Treatment indications and management of Retinopathy of Prematurity.
2. What is Corneal Collagen Crosslinking (C3R)? What are the indications for C3R? Describe the recent advances in the technique of C3R.

II. Write notes on: **(10 x 7 = 70)**

1. Minimally Invasive Glaucoma Surgeries (MIGS).
2. OCT-Angiography.
3. Diabetic Macular Edema.
4. Management of Subluxated lens.
5. Pigmented Conjunctival lesions.
6. Clinical Activity Score -Thyroid Eye Disease.
7. Recent Classification of Chemical injuries of Eye.
8. Evaluation of Ptosis.
9. Intermediate Uveitis.
10. Intermittent exotropia.

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

(DO 1223)

DECEMBER 2023

Sub. Code: 3110

(OCTOBER 2023 EXAM SESSION)

DIPLOMA IN OPHTHALMOLOGY (DO) EXAMINATION

OPHTHALMIC MEDICINE AND SURGERY

Q.P. Code: 353110

Time: Three Hours

Maximum: 100 Marks

Draw suitable diagram wherever necessary

I. Elaborate on:

(2 x 15 = 30)

1. Definition of Dry Eyes. Recent investigations and management of Dry Eye Disease.
2. Classify Diabetic Retinopathy and management in each stage.

II. Write notes on:

(10 x 7 = 70)

1. Retinopathy of prematurity.
2. Amaurosis fugax.
3. Ectopia lentis.
4. Limbal Nodule.
5. Vitreous substitutes.
6. Complicated cataract.
7. Essential Infantile Esotropia.
8. Uses of lasers in Ophthalmology.
9. Management of Congenital Dacryocystitis.
10. A scan.
