

[LK 547]

FEBRUARY 2017

Sub.Code :5071

**THIRD YEAR M.B.B.S. DEGREE EXAMINATION
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. Bacterial corneal ulcer – aetiopathogenesis and management.

II. Write notes on:

(5 x 4 = 20)

1. Treatment for myopia.
2. Endophthalmitis.
3. Field defects in primary open angle glaucoma.
4. Abnormalities of pupillary reflex.
5. Retinopathy of prematurity.

III. Short answers on:

(5 x 2 =10)

1. Anti VEGF (Vascular Endothelial Growth Factor) agents.
2. Hypermaturation cataract.
3. Applanation tonometry.
4. Nyctalopia.
5. Posterior synechiae.

[LL 547]

AUGUST 2017

Sub.Code :5071

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. Discuss in detail about Retinal Detachment (RD).

II. Write notes on:

(5 x 4 = 20)

1. Vision 2020.
2. Keratoconus.
3. Staphylomas.
4. Hypertensive iridocyclitic crisis.
5. Management of open angle glaucoma.

III. Short answers on:

(5 x 2 =10)

1. Two uses of Electroretinography (ERG).
2. Two anti mitotic drugs (anti-metabolites).
3. Two dyes used for corneal staining.
4. Two types of tonometry.
5. Two indications for evisceration.

[LM 547]

FEBRUARY 2018

Sub Code: 5071

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. Acute iridocyclitis – etiopathogenesis, clinical features and management.

II. Write notes on:

(5 x 4 = 20)

1. Vernal keratoconjunctivitis.
2. Zonular cataract.
3. Hypermetropia.
4. Chalcosis.
5. Orbital cellulitis.

III. Short answers on:

(5 x 2 = 10)

1. Retinitis pigmentosa – fundus findings.
2. Indications for enucleation.
3. Organisms invading normal corneal epithelium.
4. Extra ocular muscles supplied by third cranial nerve.
5. Two causes of complicated cataract.

[LN 547]

AUGUST 2018

Sub.Code :5071

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. Describe the stages, clinical features of primary angle closure glaucoma and its management.

II. Write notes on:

(5 x 4 = 20)

1. Complicated cataract.
2. Common causes of blindness in India.
3. Diabetic retinopathy.
4. Endophthalmitis.
5. Stages of retinoblastoma.

III. Short answers on:

(5 x 2 =10)

1. Two differences between corneal opacity and corneal ulcer.
2. Two complications of acute dacryocystitis.
3. Two causes of nyctalopia.
4. Two systemic diseases associated with scleritis.
5. Nerve supply and action of superior oblique.

[LO 547]

FEBRUARY 2019

Sub.Code :5071

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1+2+3+2+2 = 10)

1. Define myopia. Enumerate the types, clinical picture, complications and management of myopia.

II. Write notes on:

(5 x 4 = 20)

1. WHO grading system for trachoma.
2. Pupillary reflexes.
3. Stages of retinopathy of prematurity.
4. Thyroid eye disease.
5. Corneal blindness.

III. Short answers on:

(5 x 2 =10)

1. Two uses of ultrasound in ophthalmology.
2. Two syndromes associated with retinitis pigmentosa.
3. Two types of surgery for glaucoma.
4. Two types of lenses used to visualise the retina.
5. Two causes for axial proptosis.

[LP 547]

AUGUST 2019

Sub.Code :5071

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(3 + 3 + 4 = 10)

1. What is the differential diagnosis for acute red eye? Describe the clinical features and management acute anterior uveitis (Iridocyclitis).

II. Write notes on:

(5 x 4 = 20)

1. Post operative complications of cataract surgery.
2. Functions of eye bank.
3. Fundus picture of hypertensive retinopathy.
4. Blepharitis.
5. Mydriatics and cycloplegics.

III. Short answers on:

(5 x 2 =10)

1. Two investigations for intraocular foreign body.
2. Two differences between paralytic squint and concomitant squint.
3. Two tests to evaluate vision in children.
4. Two treatment modalities for posterior capsular opacification.
5. Action and nerve supply of lateral rectus muscle.

[LQ 547]

FEBRUARY 2020

Sub Code: 5071

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2 + 4 + 4 = 10)

1. Define hypermetropia. Discuss its clinical features and management.

II. Write notes on:

(5 x 4 = 20)

1. Xerophthalmia.
2. Lens induced glaucoma.
3. District blindness control society.
4. Sympathetic ophthalmia.
5. Proptosis.

III. Short answers on:

(5 x 2 = 10)

1. Two tests for color vision.
2. Two anti-fungal drugs.
3. Clinical features of retinitis pigmentosa.
4. Two indications for paracentesis.
5. Types of central retinal vein occlusion.

[LR 547]

NOVEMBER 2020
(AUGUST 2020 SESSION)

Sub.Code :5071

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2+4+4 = 10)

1. Etiology and clinical varieties of Myopia. Signs and Symptoms. Management of Myopia.

II. Write notes on:

(5 x 4 = 20)

1. Applied Anatomy of Eye lids.
2. Tonometry.
3. Eye camps.
4. Iridodialysis.
5. Carbonic Anhydrase Inhibitors.

III. Short answers on:

(5 x 2 =10)

1. Daily requirements and dietary sources of Vitamin A.
2. Two causes for Ptosis.
3. Two risk factors for Retinopathy of Prematurity(ROP).
4. Two causes for Amblyopia.
5. Two causes for Roth's spots.

[MBBS 0921]

SEPTEMBER 2021
(FEBRUARY 2021 SESSION)

Sub.Code :5071

**M.B.B.S. DEGREE EXAMINATION
THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(2+4+4 = 10)**

1. Etiology, clinical features and management of primary open angle glaucoma.

II. Write notes on: **(5 x 4 = 20)**

1. Orbicularis oculi muscle.
2. Automated perimetry.
3. Ocular morbidity in school children.
4. Vernal conjunctivitis.
5. Nuclear cataract.

III. Short answers on: **(5 x 2 =10)**

1. Two ocular signs of thyroid ophthalmopathy.
2. Two drugs causing cataract.
3. Two postoperative complications of keratoplasty.
4. Two ocular manifestations of human immunodeficiency syndrome.
5. Two differences between direct and indirect ophthalmoscope.

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

[MBBS 0222]

FEBRUARY 2022

Sub.Code :5071

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted from the Academic Year 2018-2019)

THIRD YEAR

PART I

PAPER I – OPHTHALMOLOGY

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2+4+4 = 10)

1. Etiology, clinical features and management of optic neuritis.

II. Write notes on:

(5 x 4 = 20)

1. Thyroid ophthalmopathy.
2. Herpes zoster ophthalmicus.
3. Tele-ophthalmology.
4. Biometry in ophthalmology.
5. Presbyopia.

III. Short answers on:

(5 x 2 =10)

1. Two syndromes associated with Retinitis Pigmentosa.
2. Two causes of lagophthalmos.
3. Write two causes of congenital cataract.
4. Write two clinical features of trachoma.
5. Name two dyes used in ophthalmology.

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

[MBBS 0422]

APRIL 2022

Sub. Code :5071

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART I

PAPER I – OPHTHALMOLOGY

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(2+4+4 = 10)

1. Mention the causes for painful loss of vision. Discuss the etiology, clinical features & management of Primary angle closure glaucoma.

II. Write notes on:

(5 x 4 = 20)

1. Gonioscopy.
2. Keratoconus.
3. Lens induced glaucoma.
4. Endophthalmitis.
5. Functions of eye bank.

III. Short answers on:

(5 x 2 =10)

1. Merits of indirect Ophthalmoscopy.
2. What is Evisceration? Give two indications for evisceration.
3. A scan Biometry.
4. Differential diagnosis of Limbal nodule.
5. Retinal features of blunt injury.

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

[MBBS 0822]

AUGUST 2022

Sub. Code:5071

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART I

PAPER I – OPHTHALMOLOGY

Q.P. Code: 525071

Time: Three hours

Maximum: 40 Marks

Answer All Questions

I. Elaborate on:

(1x 1 = 10)

1. Etiology, clinical features and management of acute iridocyclitis.

II. Write notes on:

(5 x 4 = 20)

1. Anatomy of levator palpabrae superioris.
2. Prostaglandin analogues.
3. Chemical injuries.
4. Diplopia charting.
5. Central serous chorio retinopathy.

III. Short answers on:

(5 x 2 = 10)

1. Two uses of Nd. YAG laser.
2. Hutchinson's sign.
3. Two causes of Ectopia lentis.
4. Two causes of coloured Haloes.
5. Two causes of childhood blindness.

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

[MBBS 0223]

FEBRUARY 2023

Sub. Code :5071

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART I

PAPER I – OPHTHALMOLOGY

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. Describe the pathogenesis, classification, clinical features and management of Diabetic Retinopathy.

II. Write notes on:

(5 x 4 = 20)

1. Routes by which therapeutic substances may be introduced into the eye.
2. Clinical features of Anterior Uveitis.
3. Difference between Direct and Indirect Ophthalmoscopy.
4. Classification and etiology of dry eye.
5. Orbital cellulitis.

III. Short answers on:

(5 x 2 = 10)

1. Anti VEGF agents.
2. Difference between granulomatous and non-granulomatous uveitis.
3. Legal and economic blindness.
4. Lens induced glaucoma.
5. Difference between pterygium and pseudopterygium.

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

[MBBS 0623]

JUNE 2023

Sub. Code :5071

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART I

PAPER I – OPHTHALMOLOGY

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 1 = 10)

1. Define Myopia. Enumerate the types, Clinical features, Complications and Management of Myopia.

II. Write notes on:

(5 x 4 = 20)

1. Anterior Staphyloma.
2. Phacolytic glaucoma.
3. Hospital corneal retrieval program.
4. Chemical injuries of Eye.
5. Mechanism of action and uses of Mydriatics and Cycloplegics.

III. Short answers on:

(5 x 2 = 10)

1. Two causes for Complicated Cataract.
2. Name two Anti VEGF drugs.
3. Two indications for Enucleation.
4. Nerve supply and action of Superior Oblique.
5. Types of Amblyopia.

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

[MBBS 0224]

FEBRUARY 2024

Sub. Code :5071

M.B.B.S. DEGREE EXAMINATION

(For the candidates admitted upto the Academic Year 2018-2019)

THIRD YEAR

PART I

PAPER I – OPHTHALMOLOGY

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 1 = 10)

1. A 30 year old female patient presented to the OPD with pain in the right eye and defective vision for the past 3 days. On examination, the patient had RE: circum corneal congestion, on slit lamp examination RE cornea – fine KP's present, anterior chamber showed flare 2+ and cells 2+, pupil 3 mm sluggishly reacting to both direct and consensual light reflex.
 - a) What is the probable diagnosis?
 - b) Classify Uveitis.
 - c) What are clinical features and how will you manage this patient?

II. Write notes on:

(5 x 4 = 20)

1. Ophthalmia Neonatorum.
2. Episcleritis.
3. The Normal Fundus.
4. Lens Induced Glaucomas.
5. Vision 2020.

III. Short answers on:

(5 x 2 = 10)

1. Two indications for Enucleation.
2. Two uses of optical coherence tomography.
3. Two topical Anti-fungal drugs.
4. Two causes of Rubiosis irides.
5. Two types of Retinal detachment.

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

[MBBS 0824]

AUGUST 2024

Sub. Code :5071

**M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted upto the Academic Year 2018-2019)**

**THIRD YEAR
PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(1 x 10= 10)**

1. Discuss about the etiopathogenesis, clinical features, complications and management of Bacterial corneal ulcer.

II. Write notes on: **(5 x 4 = 20)**

1. Congenital cataract.
2. Vernal Keratoconjunctivitis.
3. Endophthalmitis.
4. Diabetic Retinopathy - Classification.
5. Field defects in Primary Open Angle Glaucoma.

III. Short answers on: **(5 x 2 =10)**

1. Pinhole.
2. Timolol maleate.
3. WHO definition of Blindness.
4. Two causes for Proptosis.
5. Define Hypermetropia.

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

[MBBS 0325]

MARCH 2025

Sub. Code :5071

M.B.B.S. DEGREE EXAMINATIONS

(For the arrear candidates admitted upto the Academic Year 2018-2019)

**THIRD YEAR MBBS PART - I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

1. Diabetic Retinopathy – Classification and management.

II. Write notes on:

(5 x 4 = 20)

1. Fungal corneal ulcer.
2. Advantages and disadvantages of Phacoemulsification.
3. Episcleritis.
4. Draw the visual pathway and enumerate two defects in visual pathway with diagram.
5. Vernal keratoconjunctivitis.

III. Short answers on:

(5 x 2 = 10)

1. Components of Hypermetropia.
2. Chronic Dacryocystitis.
3. Two causes for childhood blindness.
4. Uses of Nd: YAG laser.
5. Timolol maleate.

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

[MBBS 0725]

JULY 2025

Sub. Code: 5071

M.B.B.S. DEGREE EXAMINATION

(For the arrear candidates admitted upto the Academic Year 2018-2019)

**THIRD YEAR MBBS PART - I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on: **(2+4+4= 10)**

1. Risk factors, Symptoms and Signs and Management of Primary Open Angle Glaucoma.

II. Write notes on: **(5 x 4 = 20)**

1. Marcus Gunn Pupil.
2. Dendritic Ulcer.
3. Optic Atrophy.
4. Berlin's Edema.
5. Hospital Corneal Retrieval Program (HCRP).

III. Short answers on: **(5 x 2 =10)**

1. Two causes for Granulomatous Iridocyclitis.
2. Two types of after Cataract.
3. What are Phorias and Tropias?
4. Two causes for Tubular Vision.
5. Two features of Thyroid Eye Disease.

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

[MBBS 0326]

MARCH 2026

Sub. Code: 5071

M.B.B.S. DEGREE EXAMINATION

(For the arrear candidates admitted upto the Academic Year 2018 - 2019)

**THIRD YEAR M.B.B.S. PART I
PAPER I – OPHTHALMOLOGY**

Q.P. Code: 525071

Time: Three hours

Maximum : 40 Marks

Answer All Questions

I. Elaborate on:

(1 x 10 = 10)

(2+4+4)

1. Define Myopia. Enumerate its types and discuss its clinical features and management.

II. Write notes on:

(5 x 4 = 20)

1. Bitot spot.
2. Neat labelled diagram of Layers of Retina.
3. District Blindness Control Society.
4. Effects of penetrating injury on the Eye.
5. Presbyopia.

III. Short answers on:

(5 x 2 = 10)

1. Two early postoperative complications of Cataract surgery.
2. Enumerate the various field defects occurring in Primary Open Angle Glaucoma.
3. Two causes for Axial proptosis.
4. Hirschberg's test.
5. Two differences between Concomitant Squint and Incomitant Squint.
