

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

[AHS 0222]

**FEBRUARY 2022
(OCTOBER 2021 EXAM SESSION)**

Sub. Code: 1622

M.OPTOM

FIRST YEAR (Candidates admitted from 2018-2019 & 2020-2021 onwards)

PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I

Q.P. Code : 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about Perimetry.
2. Classify Ptosis and write about evaluation, diagnosis and management of Senile Ptosis.

II. Write notes on:

(10 x 6 = 60)

1. Thyroid Ophthalmopathy
2. Blepharitis
3. Probing and Syringing
4. Schirmer test
5. Trachoma
6. Specular microscopy
7. Acanthamoeba keratitis
8. Noncontact Tonometry
9. Congenital Cataract
10. Endothelial Dystrophy

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

[AHS 0522]

MAY 2022

Sub. Code: 1622

M.OPTOM

FIRST YEAR (Candidates admitted from 2018-2019 & 2020-2021 onwards)

PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I

Q.P. Code : 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about Refractive Surgeries.
2. Write in detail about POAG and its Management.

II. Write notes on:

(10 x 6 = 60)

1. ROPLAS test.
2. Episcleritis.
3. Ectropion.
4. Proptosis.
5. Dry Eye.
6. Dacryoadenitis.
7. Pteryiasis Palpabrae.
8. Chalazion.
9. Keratoconjunctivitis Sicca.
10. Lagophthalmos.

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

[AHS 1022]

OCTOBER 2022

Sub. Code: 1622

**M.OPTOM
FIRST YEAR**

**(Candidates admitted from 2018-2019 & 2020-2021 onwards)
PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I**

Q.P. Code : 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about different types of tonometry.
2. Classify Conjunctivitis and explain in detail about each.

II. Write notes on:

(10 x 6 = 60)

1. Differentiate between AS OCT and UBM.
2. Specular Microscopy.
3. Ptosis evaluation.
4. Anterior Uveitis.
5. Secondary Glaucoma.
6. Classification of Cataract.
7. Gonioscopy.
8. LASIK evaluation.
9. Thyroid Eye Disease.
10. Dystrophies of Corneal epithelium.

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

[AHS 0523]

MAY 2023

Sub. Code: 1622

M.OPTOM

FIRST YEAR (Candidates admitted from 2020-2021 onwards)

PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I

Q.P. Code: 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify Cataract and explain in detail about its pre and post-op evaluation.
2. Explain in detail about Gonioscopy.

II. Write notes on:

(10 x 6 = 60)

1. Thyroid Eye Disease.
2. Nasolacrimal duct obstruction.
3. Pachymetry.
4. Ptosis evaluation.
5. Anterior Uveitis.
6. Congenital Glaucoma.
7. Conjunctivitis.
8. Perimetry.
9. LASIK evaluation.
10. Dystrophies of Corneal endothelium.

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

[AHS 1023]

OCTOBER 2023

Sub. Code: 1622

M.OPTOM

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PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I

Q.P. Code: 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Compare and contrast the different types of conjunctivitis.
2. Discuss the various diagnostic tools and techniques used in the evaluation of corneal diseases.

II. Write notes on:

(10 x 6 = 60)

1. Role of anterior segment optical coherence tomography (AS-OCT) in diagnosing anterior segment disorders.
2. Ptosis evaluation.
3. Discuss the systemic associations, complications and management strategies for anterior uveitis.
4. Angle closure glaucoma.
5. Classification of Cataract.
6. Pachymetry.
7. LASIK evaluation.
8. Thyroid Eye Disease.
9. Dry eye syndrome.
10. Describe the clinical features, etiology and management options for keratoconus.

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

[AHS 0524]

MAY 2024

Sub. Code: 1622

M.OPTOM

FIRST YEAR (From 2020-2021 onwards)

PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I

Q.P. Code: 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe pathogenesis, clinical features, diagnosis and management of thyroid eye disease.
2. Explain the role of imaging modalities, such as anterior segment optical coherence tomography (AS-OCT), in the diagnosis and management of anterior segment disorders.

II. Write notes on:

(10 x 6 = 60)

1. Orbital tumors.
2. Tear film evaluation.
3. Tonometry.
4. Vogt-Koyanagi-Harada Syndrome.
5. Principles and clinical applications of wave front Aberrometry.
6. Different types of conjunctivitis, their causes, clinical manifestations and appropriate management strategies.
7. Disorders of the eyelashes and eyelid margin.
8. Slit lamp illumination techniques and its significance in anterior segment disorders.
9. Ptosis evaluation.
10. Acanthamoeba Keratitis.

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

[AHS 1024]

OCTOBER 2024

Sub. Code: 1622

M.OPTOM

FIRST YEAR (From 2020-2021 onwards)

PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I

Q.P. Code: 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Classify Ptosis and explain in detail about its evaluation and management.
2. Imaging techniques of anterior segment.

II. Write notes on:

(10 x 6 = 60)

1. Orbital tumors.
2. Tear film evaluation.
3. Tonometry.
4. Complications of Cataract and cataract surgery.
5. Anterior Uveitis.
6. Primary Angle Closure glaucoma.
7. Disorders of the eyelashes and eyelid margin.
8. Perimetry.
9. LASIK evaluation.
10. Acanthamoeba Keratitis.

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

[AHS 0525]

MAY 2025

Sub. Code: 1622

M.OPTOM

FIRST YEAR (From 2020-2021 onwards)

PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I

Q.P. Code: 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the pathogenesis, clinical features, diagnosis and management of Angle Closure Glaucoma.
2. Refractive Procedures: Procedures for Different Refractive Errors, Evaluation, Pros and Cons of each procedure.

II. Write notes on:

(10 x 6 = 60)

1. Complicated Cataract.
2. Corneal Topography.
3. Blepharitis.
4. Vernal Keratoconjunctivitis (VKC).
5. Age-related Corneal Degenerations.
6. Pseudo-Exfoliation Syndrome.
7. Ultrasound Bio microscopy (UBM).
8. Optic Section Illumination in Slit lamp.
9. Tear Breakup Time (TBUT) test.
10. Ocular Biometry.

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

[AHS 1025]

OCTOBER 2025

Sub. Code: 1622

**M.OPTOM
FIRST YEAR (From 2020-2021 onwards)
PAPER II – OCULAR DISEASES AND DIAGNOSTIC – I**

Q.P. Code: 281622

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Describe the pathogenesis, clinical features, investigations, treatment and management of Dry Eye.
2. Slit lamp Biomicroscopy: Principle, types of Illuminations, Procedures, documentation and its significance.

II. Write notes on:

(10 x 6 = 60)

1. Classification of Angle Closure Glaucoma (ACG).
2. Naso Lacrimal Duct Obstruction.
3. Types of Ptosis.
4. Corneal Dystrophy.
5. Grading method of Anterior Chamber cells and Flare.
6. Pachymetry and its application.
7. Ocular Biometry.
8. Schirmer test and its types.
9. Anterior Chamber OCT.
10. Keratoconus.
