

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

[AHS 0321]

**MARCH 2021**

**Sub. Code: 1636**

**(OCTOBER 2020 EXAM SESSION)**

**M.OPTOM**

**SECOND YEAR (From 2018-2019 onwards)**

**PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

***Q.P. Code : 281636***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Describe in detail about the Sources of Data for Blindness and Visual Impairment.
2. Concept of Health and Disease.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Magnitude of Global Blindness
2. Causes of Childhood Blindness and Prevention
3. Screening for Visual Disorders
4. Limitation of Prevalance Surveys
5. Role of Voluntary Groups in PR programs
6. Brief about Medical Statistics
7. Vitamin A Deficiency
8. Eye Banking
9. Ocular Hygiene
10. Breifly outline Prevention Strategies

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

[AHS 0921]

**SEPTEMBER 2021  
(MAY 2021 EXAM SESSION)**

**Sub. Code: 1636**

**M.OPTOM  
SECOND YEAR (From 2018-2019 onwards)  
PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE  
*Q.P. Code : 281636***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Describe in detail about Epidemiological Methods.
2. Vision 2020 - Planning and Implementation.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Population based Sample Surveys
2. Presbyopia
3. Corneal Blindness
4. Screening for Glaucoma
5. Methods of Improving Hospital Services
6. Incidence of Blindness
7. Benefits of Public Relations
8. Types of Study Designs
9. Brief about Health Education
10. Public Speaking

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

[AHS 0122]

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

**Sub. Code: 1636**

**M.OPTOM  
SECOND YEAR (From 2018-2019 onwards)  
PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE  
*Q.P. Code : 281636***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Prevalance, Incidence and Distribution of Visual Impairment.
2. Describe Types, Causes, Screening and Prevention of Blindness.

**II. Write Short Notes on:**

**(10x6 = 60)**

1. Principles of Epidemiology
2. Vision 2020
3. Low vision
4. Management of Refractive Errors
5. Demographical Profile of Blindness
6. Tele Ophthalmology
7. Brief about method of improving Health Care in community
8. Screening for Diabetic Retinopathy
9. Methods in Health Communication
10. Phases of Public Relations

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

**[AHS 1022]**

**OCTOBER 2022**

**Sub. Code: 1636**

**M.OPTOM**

**SECOND YEAR (From 2018 – 2019 & 2020-2021 onwards)**

**PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

***Q.P.Code : 281636***

**Time: Three hours    Answer ALL Questions    Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Describe in detail about the major national programs for control of blindness.
2. Elaborate the process of organizing and executing school screening camps.

**II. Write short notes on:**

**(10 x 6 = 60)**

1. Prevalence and Management of Myopia.
2. Different types of study designs.
3. Prevalence and incidence of visual impairment.
4. Effect of COVID on Tele-medicine in community.
5. Concept of Health and disease.
6. Eye banking.
7. Preventable blindness and the various categories of blindness.
8. Glaucoma and its impact on global blindness.
9. Screening strategies for Diabetic Retinopathy.
10. Methods of improving Hospital services.

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

**[AHS 0523]**

**MAY 2023**

**Sub. Code: 1636**

**M.OPTOM**

**SECOND YEAR (From 2020-2021 onwards)**

**PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

***Q.P. Code: 281636***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Describe in detail about the various types of study designs.
2. Elaborate the planning and implementation of screening for posterior segment diseases in elderly population.

**II. Write short notes on:**

**(10 x 6 = 60)**

1. Vitamin A deficiency.
2. Common eye diseases in the rural and urban areas.
3. Age related Macular degeneration.
4. Screening for Refractive error in children.
5. Childhood blindness.
6. Medical statistics.
7. Prevention strategies.
8. Magnitude of Global blindness.
9. Ocular hygiene.
10. Eye banking.

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

**[AHS 1023]**

**OCTOBER 2023**

**Sub. Code: 1636**

**M.OPTOM  
SECOND YEAR (From 2020-2021 onwards)  
PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

***Q.P. Code: 281636***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Elaborate on screening of various eye diseases for the elderly population.
2. Discuss Blindness and Visual Impairment and its data sources.

**II. Write short notes on:**

**(10 x 6 = 60)**

1. The burden of uncorrected refractive error.
2. Glaucoma and its impact on global blindness.
3. Tele Optometry and Tele Ophthalmology especially after COVID times.
4. School screening.
5. Different categories of Blindness.
6. Age related Macular degeneration.
7. Health education.
8. Common eye diseases in India – both urban and rural.
9. Vision 2020.
10. Study designs.

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

[AHS 0524]

**MAY 2024**

**Sub. Code: 1636**

**M.OPTOM**

**SECOND YEAR (From 2020-2021 onwards)**

**PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

*Q.P. Code: 281636*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Vision 2020.
2. Principles of Epidemiology. Write notes on Epidemiological methods.

**II. Write short notes on:**

**(10 x 6 = 60)**

1. Screening for Cataract.
2. NPCB.
3. Bacterial Corneal Ulcer – Features and Management.
4. Causes for Childhood Blindness.
5. Write the approaches in Health Education.
6. Age Related Macular Degeneration (ARMD).
7. Write about prevention Strategies.
8. Organization of Eye bank.
9. Write in brief about basic medical statistics.
10. Write in short about the role of optometrist in community eye care.

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

**[AHS 1024]**

**OCTOBER 2024**

**Sub. Code: 1636**

**M.OPTOM  
SECOND YEAR (From 2020-2021 onwards)  
PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

***Q.P. Code: 281636***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Concept of Health and disease.
2. What are the causes of childhood blindness and write about the initiatives taken for the prevention of Blindness in India.

**II. Write short notes on:**

**(10 x 6 = 60)**

1. Screening for refractive errors.
2. Write in brief about organizing in eye camp.
3. Write about the impact of Glaucoma on blindness.
4. Methods of health communication.
5. Bacterial corneal ulcer features and management.
6. Principles of Epidemiology.
7. DBCS.
8. Write in brief about types of study designs in epidemiology.
9. Mention the roles of optometrists in community eye care.
10. Tele Ophthalmology.

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

**[AHS 0525]**

**MAY 2025**

**Sub. Code: 1636**

**M.OPTOM**

**SECOND YEAR (From 2020-2021 onwards)**

**PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

***Q.P. Code: 281636***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. What are the common causes of childhood blindness? What steps must be taken by the community to prevent them?
2. What is diabetic retinopathy? Write about its risk factors and management. Write about screening for this condition.

**II. Write short notes on:**

**(10 x 6 = 60)**

1. Prevalence and incidence.
2. Vision 2020.
3. Cataract screening.
4. Presbyopia screening.
5. Causes of low vision.
6. Causes of cataracts in older adults.
7. Epidemiological study methods.
8. Preventive measures for ARMD.
9. Significance of health statistics in planning eye care services.
10. Difference between blindness and low vision.

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

**[AHS 1025]**

**OCTOBER 2025**

**Sub. Code: 1636**

**M.OPTOM  
SECOND YEAR (From 2020-2021 onwards)  
PAPER VI – EPIDEMIOLOGY AND COMMUNITY EYE CARE**

***Q.P. Code: 281636***

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate notes on:**

**(2 x 20 = 40)**

1. Define blindness. What are the major causes of blindness in India? Write about the initiatives taken for prevention of blindness.
2. Write about the methods of epidemiological studies.

**II. Write short notes on:**

**(10 x 6 = 60)**

1. School screening camps.
2. Screening for Diabetic Retinopathy.
3. Classification and management of Vitamin A deficiency.
4. Vision 2020.
5. Fungal Corneal Ulcer – Features and management.
6. Concepts of Health and disease.
7. Methods in Health Communication.
8. Prevalence and Management of Hypermetropia.
9. Write in short about the role of Optometrists in Community Eye care.
10. Magnitude of Global blindness.

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