

[LH 0815]

AUGUST 2015

Sub. Code: 1532

DIPLOMA IN OPTOMETRY TECHNOLOGY

(New Syllabus 2014-2015)

FIRST YEAR

**PAPER II – OCULAR DISEASES I, VISUAL OPTICS, REFRACTIVE ERRORS,
COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code : 841532

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Define Astigmatism. Write in detail about Astigmatism.
2. Write in detail about Senile cataract.
3. Define Hypermetropia. Write about Hypermetropia.

II. Write notes on:

(10 x 5 = 50)

1. Differentiate Scleritis and Episcleritis.
2. Write about Trichiasis.
3. Write about Identification of different types of Lenses.
4. Write about anomalies of Accommodation.
5. Eye bank.
6. Define Amblyopia. Write about Refractive Amblyopia.
7. Define Prisms. Write about uses of prisms in Ophthalmology.
8. Write about Congenital Myopia.
9. Write about Vision 2020 Programme.
10. Write about Posterior Capsular Opacification.

III. Short Answers on:

(10 x 2 = 20)

1. Define Blindness.
2. What is Asthenopia?
3. Keratoconus.
4. Define Refractive Index.
5. Give short note on “National Programme for Control of Blindness”.
6. List out the various Diseases causing Blindness.
7. What is Aniseikonia?
8. What is Wavelength of Light?
9. What is Pterygium?
10. Define Ptosis.

[LI 0216]

FEBRUARY 2016

Sub. Code: 1532

DIPLOMA IN OPTOMETRY TECHNOLOGY

(New Syllabus 2014-2015)

FIRST YEAR

**PAPER II – OCULAR DISEASES I, VISUAL OPTICS, REFRACTIVE ERRORS,
COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code : 841532

Time : Three Hours

Maximum : 100 marks

Answer ALL questions

I. Elaborate on:

(3 x 10 = 30)

1. Types of conjunctivitis.
2. Anomalies of convergence.
3. Common diseases of the eyelid.

II. Write notes on:

(10 x 5 = 50)

1. Pterygium.
2. Blepharitis.
3. Corneal dystrophies.
4. Posterior capsular opacification.
5. Formation of images in a convex lens.
6. Identification of different lenses.
7. Myopia.
8. Anisometropic amblyopia.
9. Vision 2020.
10. Categories of visual impairment.

III. Short Answers on:

(10 x 2 = 20)

1. Ectropion.
2. Dacryocystitis.
3. Nuclear sclerosis.
4. Bacterial keratitis.
5. Spherocylindrical lenses.
6. Refractive index.
7. Asthenopia.
8. Pseudomyopia.
9. Define low vision.
10. Filing methods of medical records.

DIPLOMA IN OPTOMETRY TECHNOLOGY

FIRST YEAR

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COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code: 841532

Time : Three hours

Maximum: 100 Marks

Answer **ALL** questions.

I. Elaborate on:

(3 x 10 = 30)

1. What is Acute conjunctivitis? Discuss in detail about the types of Acute conjunctivitis.
2. Trace the visual pathway and add a note on lesion effect.
3. Define and describe in detail about Myopia. Write about the treatment for Myopia.

II. Write notes on:

(10 x 5 = 50)

1. Write about the identification of different types of lens.
2. What is dry eye syndrome?
3. Differentiate Scleritis and Episcleritis.
4. Discuss about fungal keratitis.
5. Write about Trichiasis.
6. Write about anomalies of accommodation.
7. Write about Astigmatism.
8. Write about vision 2020 programe.
9. Write about Nutritional blindness.
10. Write about Hypermetropia.

III. Short answers on:

(10 x 2 = 20)

1. Name two diseases of lacrymal gland.
2. What is chalazion?
3. What is endothelial dystrophy?
4. Eye bank.
5. Define prism.
6. What is wave length of light?
7. What is Ambylopia?
8. What is Asthenopia?
9. What is Anseikonia?
10. Define blindness.

**DIPLOMA IN OPTOMETRY TECHNOLOGY
FIRST YEAR**

**PAPER II – OCULAR DISEASES I, VISUAL OPTICS, REFRACTIVE ERRORS,
COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code: 841532

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail about lachrymal apparatus of eye with neat suitable diagram. Write about dry eye syndrome.
2. Write in detail about bacterial keratitis.
3. Define and discuss in detail about Hypermetropia, Write about the treatment for hypermetropia.

II. Write notes on:

(10 x 5 =50)

1. Write about follicular conjunctivitis.
2. Write about corneal dystrophies.
3. Write about anomalies of accommodation.
4. Write about identification of different types of lenses.
5. Define blindness and list the various disease causing blindness.
6. Write about Dacryocystitis.
7. Write about posterior capsular opacification.
8. Define prism and write about its uses.
9. Write about myopia.
10. Write about the role of eye bank in blindness prevention.

III. Short answers on:

(10 x 2 = 20)

1. Define ptosis.
2. Write about the management of cataract.
3. What is presbyopia?
4. Define refractive index.
5. What is Interstitial keratitis?
6. What is pterygium?
7. Write about keratoplasty.
8. What is Astigmatism?
9. What is Bitot's spot?
10. What is Nutritional blindness?

**DIPLOMA IN OPTOMETRY TECHNOLOGY
FIRST YEAR**

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COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code: 841532

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Define Astigmatism. Write in detail about Astigmatism.
2. Trace the visual pathway and add a note on lesion effect.
3. Discuss in detail about dystrophies of cornea.

II. Write notes on:

(10 x 5 = 50)

1. What is dry eye syndrome?
2. Write about Acute conjunctivitis.
3. Write about dislocation of lens.
4. Write about senile cataract.
5. Write about anomalies of accommodation.
6. Define Amblyopia. Write about refractive Amblyopia.
7. Write about Myopia.
8. Write about the role of eye camp in blindness prevention.
9. Define prism and write about its uses.
10. Nutritional blindness.

III. Short answers on:

(10 x 2 = 20)

1. List the types of contact lenses.
2. What is keratoplasty?
3. Treatment for bacterial keratitis.
4. What is blepharitis?
5. What is wave length of light?
6. What is hypermetropia?
7. What is Anisometropia?
8. Define blindness.
9. Define refractive index.
10. Management of cataract.

**DIPLOMA IN OPTOMETRY TECHNOLOGY
FIRST YEAR**

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COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code: 841532

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Write in detail about the common diseases of the eyelid.
2. Write in detail about myopia including types, diagnosis and correction.
3. Write in detail about the types of cataract.

II. Write notes on:

(10 x 5 = 50)

1. Dry eye syndrome.
2. Bacterial conjunctivitis.
3. Trachoma.
4. Bacterial keratitis.
5. Scleritis.
6. Corneal endothelial dystrophies.
7. Role of camps in blindness prevention.
8. Image formation by a convex lens at various object positions.
9. Amblyopia.
10. Astigmatism.

III. Short answers on:

(10 x 2 = 20)

1. Dacryocystitis.
2. Pterygium.
3. Bitot's spots.
4. Electromagnetic spectrum.
5. Interference.
6. Power of a lens.
7. Aniseikonia.
8. Asthenopia.
9. Importance of medical records.
10. Expand NPCBVI.

**DIPLOMA IN OPTOMETRY TECHNOLOGY
FIRST YEAR**

**PAPER II – OCULAR DISEASES I, VISUAL OPTICS, REFRACTIVE ERRORS,
COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code: 841532

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Write in detail about diseases of the lacrimal apparatus.
2. Write in detail about astigmatism including types, diagnosis and correction.
3. Write in detail about scleritis and episcleritis.

II. Write notes on:

(10 x 5 = 50)

1. Anomalies of vergence.
2. Hypermetropia.
3. Write about ptosis including types and management.
4. Types of cataract.
5. Laws of reflection and laws of refraction.
6. Presbyopia.
7. Categories of visual impairment.
8. Medical records – importance and retention policy.
9. Differentiate spherical and cylindrical lenses.
10. Various conditions causing watering of the eye.

III. Short answers on:

(10 x 2 = 20)

1. Chalazion.
2. Ectropion.
3. Diffraction.
4. Second sight.
5. Accommodative infacility.
6. Define blindness.
7. Anisometropia.
8. Define light.
9. Define refractive index. What is the refractive index of water?
10. Intraocular lenses.

**DIPLOMA IN OPTOMETRY TECHNOLOGY
FIRST YEAR**

**PAPER II – OCULAR DISEASES I, VISUAL OPTICS, REFRACTIVE ERRORS,
COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code: 841532

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Write in detail about the types of conjunctivitis including signs, symptoms and management.
2. Write in detail about hypermetropia including types, diagnosis and correction.
3. Write in detail about keratitis including types, signs, symptoms and management.

II. Write notes on:

(10 x 5 = 50)

1. Properties of light.
2. Common diseases of the eyelid.
3. Corneal dystrophies.
4. Presbyopia.
5. Interference.
6. Image formation by a convex and a concave lens.
7. Types of prisms and their uses.
8. Anomalies of accommodation.
9. Types of astigmatism.
10. Role of eye donation in prevention of blindness.

III. Short answers on:

(10 x 2 = 20)

1. Vision 2020.
2. Define blindness.
3. Episcleritis.
4. Asthenopia.
5. Convergence insufficiency.
6. Define prism diopter.
7. Subluxation of lens.
8. Chalazion.
9. Nuclear sclerosis.
10. Posterior capsular opacification.

**DIPLOMA IN OPTOMETRY TECHNOLOGY
FIRST YEAR**

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COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code: 841532

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Common diseases of eyelid.
2. Write in detail about myopia including types, diagnosis and correction.
3. Write in detail about rehabilitation of visually handicapped.

II. Write notes on:

(10 x 5 = 50)

1. Primary eye care.
2. Types of astigmatism.
3. Write about importance of medical records.
4. Bitots spot.
5. Bacterial conjunctivitis.
6. Epiphora.
7. Presbyopia.
8. Amblyopia.
9. Refractive index.
10. Scleritis.

III. Short answers on:

(10 x 2 = 20)

1. Keratoconus.
2. Congenital cataract.
3. Pterygium.
4. Name two diseases of lacrimal gland.
5. Functions of tear film.
6. Define low vision.
7. Pseudomyopia.
8. Entropion.
9. Bacterial keratitis.
10. Ptosis.

**DIPLOMA IN OPTOMETRY TECHNOLOGY
FIRST YEAR**

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Q.P. Code: 841532

Time : Three Hours

Maximum : 100 Marks

Answer All questions.

I. Elaborate on:

(3 x 10 = 30)

1. Write about primary eye care and vision 2020.
2. Write in detail about scleritis and episcleritis.
3. Write in detail about anomalies of accommodation.

II. Write notes on:

(10 x 5 = 50)

1. Write about trichiasis.
2. Corneal dystrophies.
3. Dry eye syndrome.
4. Write about contact lens.
5. Role of eye bank in blindness prevention.
6. Nutritional blindness.
7. Types of amblyopia.
8. Write about proptosis.
9. Rehabilitation of visually handicapped.
10. Define prism and write about its uses.

III. Short answers on:

(10 x 2 = 20)

1. Pterygium.
2. Define blindness.
3. Anisometropia.
4. Chalazion.
5. Vergence.
6. Bitots spot.
7. Intraocular lens.
8. Lagophthalmos.
9. Keratoconus.
10. Low vision.

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

[AHS 0321]

MARCH 2021

Sub. Code: 1532

(AUGUST 2020 EXAM SESSION)

DIPLOMA IN OPTOMETRY TECHNOLOGY

FIRST YEAR (Regulation 2014-2015 & 2018-2019)

**PAPER II – OCULAR DISEASES I, VISUAL OPTICS, REFRACTIVE ERRORS,
COMMUNITY OPHTHALMOLOGY, MEDICAL RECORDS**

Q.P. Code : 841532

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(3 x 10 = 30)

1. Define Hypermetropia. Write in detail about components of Hypermetropia.
2. Types of conjunctivitis.
3. Write about primary eye care and vision 2020.

II. Write notes on:

(10 x 5 = 50)

1. Dry eye syndrome.
2. Image formation by a convex lens at various object positions.
3. Types of cataract.
4. Types of astigmatism.
5. Rehabilitation of visually handicapped.
6. Presbyopia.
7. Role of eye bank in blindness prevention.
8. Pterygium.
9. Write about anomalies of accommodation.
10. Write about importance of medical records.

III. Short answers on:

(10 x 2 = 20)

1. Refractive index.
2. Amblyopia.
3. Name two diseases of lacrimal gland.
4. Define National Programme for Control of Blindness (NPCB).
5. Bitots spot.
6. Nutritional blindness.
7. Intraocular lenses.
8. Low vision.
9. Ptosis.
10. Keratoconus.
