

**[KD 212]      APRIL 2001      Sub. Code : 2223**

**M.S. DEGREE EXAMINATION**

**(Revised Regulations)**

**Branch III — Ophthalmology**

**Part II**

**Paper I — OPHTHALMOLOGY INCLUDING  
COMMUNITY OPHTHALMOLOGY AND  
REFRACTION**

**Time : Three hours                      Maximum : 100 marks**

**Answer ALL questions.**

1. Discuss and outline major programme and proposal and objective of national programme for control of blindness in Tamil Nadu. (25)
2. Discuss the eye complications in head-injuries and the role of the ophthalmologist. (25)
3. Write briefly on : (5 × 10 = 50)
  - (a) Optics of low vision aids
  - (b) Toxic amblyopia
  - (c) Short term preservation of donor cornea
  - (d) Corneal stromal dystrophies
  - (e) Computerized perimetry.

**NOVEMBER 2001**

**[KE 212]**

**Sub. Code : 2224**

**M.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch III — Ophthalmology**

**Part II**

**Paper I — OPHTHALMOLOGY INCLUDING  
COMMUNITY OPHTHALMOLOGY AND  
REFRACTION**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. How do you plan a school survey? And what is the importance of such survey? Give a scheme to your STATE. (25)
  2. Describe with the help of a diagram the theory, principles of retinoscopy and describe how the glasses are prescribed after the test? (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Rosacea keratitis.
    - (b) Ectopia lentis.
    - (c) Low tension glaucoma.
    - (d) Ophthalmic ethics.
    - (e) Pars Planitis.
-

**[KG 212] MARCH 2002 Sub. Code : 2223**

**M.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch III — Ophthalmology**

**Part II**

**Paper I — OPHTHALMOLOGY INCLUDING  
COMMUNITY OPHTHALMOLOGY AND  
REFRACTION**

**Time : Three hours Maximum : 100 marks**

**Answer ALL questions.**

1. Discuss the management of a case of convergent squint in a five years old child. (25)
2. Briefly mention the causes of blindness in India. Discuss how to organise an eye-camp for performing cataract surgery. (25)
- 3 Write briefly on : (5 × 10 = 50)
  - (a) Binocular vision.
  - (b) Optokinetic nystagmus.
  - (c) Subluxated lens.
  - (d) Age related macular degeneration.
  - (e) Industrial blindness.

**SEPTEMBER 2002**

**[KH 212]**

**Sub. Code : 2223**

**M.S. DEGREE EXAMINATION.**

**(Revised Regulations)**

**Branch III — Ophthalmology**

**Part II**

**Paper I — OPHTHALMOLOGY INCLUDING  
COMMUNITY OPHTHALMOLOGY AND  
REFRACTION**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

1. What is vision 2020 and right to sight? Discuss the action plan in India to control blindness. (25)
  2. Describe the ocular manifestation and management of Leprosy. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Jackson's cross cylinder
    - (b) Diagnosis of dry eye
    - (c) Normal tension glaucoma
    - (d) Sympathetic ophthalmitis
    - (e) Amblyopia.
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[KI 212]

APRIL 2003

Sub. Code : 2223

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Ophthalmology

Part II

Paper I — OPHTHALMOLOGY INCLUDING  
COMMUNITY OPHTHALMOLOGY AND  
REFRACTION

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. How do you organise an eye camp in the rural areas? (25)
  2. Discuss the ocular manifestations of Acquired Immune Deficiency Syndrome. (25)
  3. Write briefly on : (5 × 10 = 50)
    - (a) Toxoplasma Retinitis
    - (b) Viscoelastics in ophthalmology
    - (c) Corneal graft failure and graft rejection
    - (d) Legal blindness
    - (e) Cross cylinder.
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OCTOBER 2003

[KJ 212]

Sub. Code : 2223

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Ophthalmology

Part II

Paper I — OPHTHALMOLOGY INCLUDING  
COMMUNITY OPHTHALMOLOGY AND  
REFRACTION

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

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essays :    (2 × 15 = 30)

1. Discuss the ocular manifestations of AIDS and its  
management.    (15)

2. Describe the development and anatomy of the  
angle of anterior chamber.    (15)

3. Short notes :    (10 × 5 = 50)

1. Contact lens.

2. Cross cylinder.

3. Tests for malingering.

4. Vision 2020.

5. Ectopia Lentis.

6. Natamycin.

7. WHO classification of blindness.

8. Exposure keratopathy.

9. Low vision aids.

10. Surgical correction of presbyopia.



FEBRUARY 2005

[KM 212]

Sub. Code : 2223

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Ophthalmology

Part II

Paper I — OPHTHALMOLOGY INCLUDING  
COMMUNITY OPHTHALMOLOGY AND  
REFRACTION

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 :                      (2 × 15 = 30)

(1) Describe the pupillary pathway, reflexes and abnormal pupillary reactions.

(2) Discuss in detail how will you organise a eye camp and in particular prevention and management of post operative endophthalmitis.

II. Short notes :                      (10 × 5 = 50)

(a) Discuss factors involved in development of Presbyopia.

(b) Amblyopia and its management.

(c) Discuss about prevention of corneal blindness.

(d) Low vision aids.

(e) Masquerade syndrome.

(f) Management of viral keratitis.

(g) Donders schematic eye.

(h) Laser Trabeculoplasty.

(i) Use of prisms in ophthalmology.

(j) Aetiology and management of congenital Dacryocystitis.



[KO 212] MARCH 2006 Sub. Code : 2223

M.S. DEGREE EXAMINATION.

Branch III — Ophthalmology

OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION

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 : (2 × 15 = 30)

(1) Describe the optical principles of Indirect ophthalmoscopy and its advantages over direct ophthalmoscopy.

(2) Discuss the organization of an eye bank and its role in management of corneal blindness.

II. Short notes : (10 × 5 = 50)

- (a) Extended wear contact lenses
- (b) Accommodative Esotropia
- (c) Trachoma control programme
- (d) Vitamin A deficiency
- (e) LASIK
- (f) Vision 2020
- (g) Management of Amblyopia
- (h) Types of Astigmatism and their correction
- (i) Jackson's cross cylinder
- (j) Cover test.

SEPTEMBER 2006

[KP 212]

Sub. Code : 2223

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Ophthalmology

Part II

Paper I — OPHTHALMOLOGY INCLUDING  
COMMUNITY OPHTHALMOLOGY AND  
REFRACTION

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 :

(1) Describe in detail how you will organise eye screening camp for school children in rural areas of Tamil Nadu. (20)

(2) Refraction through prisms. Uses of prisms in ophthalmology. (15)

(3) What is the goal of NPCB? What are its strategies? (15)

II. Short notes :

(6 × 5 = 30)

(a) District blindness control society.

(b) Aniseikonia

(c) Reduced eye

(d) Epikeratophakia

(e) Lensometer

(f) Red filter occlusion therapy in squint.

[KQ 211] MARCH 2007 Sub. Code : 2223

M.S. DEGREE EXAMINATION.

Branch III — Ophthalmology

OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION

Common to

Part II – Paper I – (Old/New/Revised Regulations)

(Candidates admitted from 1988-89 onwards)

and

Paper II – (For candidates admitted from 2004-2005  
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 :

(1) Describe screening programme and  
management of glaucoma in rural community. (20)

(2) What are the causes for non healing of the  
corneal ulcer. Describe the management of non healing  
corneal ulcer. (15)

(3) What are the causes for astigmatism after  
Intra Ocular Lens (IOL) surgery? How to prevent or  
reduce astigmatism in IOL surgery? How do you  
manage astigmatism after IOL surgery? (15)

II. Write short notes : (6 × 5 = 30)

(a) Neovascular glaucoma.

(b) Optics of prisms and their uses in  
ophthalmology.

(c) Dacryocoele.

(d) Rhabdomyosarcoma of extra ocular muscle.

(e) Amblyopia.

(f) Cyclosporin.

SEPTEMBER 2007

[KR 216]

Sub. Code : 2222

M.S. DEGREE EXAMINATION.

Branch III — Ophthalmology

OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION

Common to

Part II — Paper I — (Old/New/Revised Regulations)

(Candidates admitted upto 2003-04)

and

Paper II — (For candidates admitted from 2004–2005  
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 diagrams wherever necessary.

I. Essay :

(1) Describe the post operative complications of  
cataract surgery and their management. (20)

(2) Describe the aetiology and management of  
Dry Eye. (15)

(3) Enlist the refractive corneal surgeries  
currently in practice. Describe advantages and  
disadvantages of each method. (15)

II. Write short notes : (6 × 5 = 30)

- (a) Ectopia Lentis.
  - (b) Interstitial Keratitis.
  - (c) District blindness control society.
  - (d) Vitamin A Prophylaxis.
  - (e) Principles of Autorefractometers.
  - (f) Tests for colour vision.
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**[KS 216]**

**Sub. Code : 2222**

**M.S. DEGREE EXAMINATION.**

**Branch III — Ophthalmology**

**OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION**

**Common to**

**Part II — Paper I — (Old/New/Revised Regulations)  
(Candidates admitted upto 2003–04)**

**and**

**Paper II — (For candidates admitted from 2004–2005  
onwards)**

**Q. P. Code : 222222**

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions.**

**Draw suitable diagrams wherever necessary.**

**I. Essay questions : (2 × 20 = 40)**

**(1) Describe the aetiology, investigations and  
management of EPIPHORA. (20)**

**(2) Describe the aetiology, types, investigations  
and management of age related macular degeneration.  
(20)**

**II. Write short notes :**

**(10 × 6 = 60)**

- (1) Syphilitic interstitial keratitis.**
- (2) Graft rejection.**
- (3) Amblyopia.**
- (4) Central serous retinopathy.**
- (5) Management of endophthalmitis.**
- (6) Buphthalmos.**
- (7) National programme for control of blindness.**
- (8) Low vision aids.**
- (9) Astigmatism.**
- (10) Duane's syndrome.**

September 2008

[KT 216]

Sub. Code: 2222

**M.S. DEGREE EXAMINATION**

**Branch III – Ophthalmology**

**OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION**

**Common to**

**Part II – Paper I – (Old/New/Revised Regulations)**

**(candidates admitted upto 2003-2004) and**

**Paper II - (For candidates admitted from 2004-2005 onwards)**

*Q.P. Code : 222222*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions :**

**(2 X 20 = 40)**

1. Define myopia, Describe types of myopia and discuss various modalities of corrections of the refractive errors.
2. Mention various causes for night blindness. aetiology, classification, prevention and management of vitamin A deficiency.

**II. Write short notes on :**

**(10 X 6 = 60)**

1. Reduced eye.
  2. Uses of prisms in ophthalmology.
  3. Convergence Insufficiency.
  4. Applanation Tonometry.
  5. Malignant glaucoma.
  6. Vitreous substitutes.
  7. Microtropia.
  8. Management of vernal conjunctivitis.
  9. Organization of eye Banks.
  10. Cystoid macular oedema.
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March 2009

[KU 216]

Sub. Code: 2222

**M.S. DEGREE EXAMINATION**

**Branch III – OPHTHALMOLOGY**

**Common to**

**Part II – Paper I - (Candidates admitted upto 2003-2004) and**

**Paper II - (For candidates admitted from 2004-2005 to 2007-08)**

**OPHTHALMOLOGY INCLUDING COMMUNITY**

**OPHTHALMOLOGY AND REFRACTION**

*Q.P. Code : 222222*

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(2 x 20 = 40)**

1. Discuss etiology and management of dry eye.
2. Discuss retinopathy of prematurity.

**II. Write short notes on :**

**(10 x 6 = 60)**

1. Duochrome test.
2. Jackson's cross cylinder.
3. Preservation of donor cornea.
4. Vision 2020.
5. Optics of contact lens.
6. Cystoid macular edema.
7. IOL power calculation.
8. Organization of eye camps.
9. Presbyopia.
10. Maddox rod test.

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September 2009

[KV 216]

Sub. Code: 2222

**M.S. DEGREE EXAMINATION**

**Branch III – OPHTHALMOLOGY**

**Common to**

**Part II – Paper I - (Candidates admitted upto 2003-2004) and**

**Paper II - (For candidates admitted from 2004-2005 to 2007-08)**

**OPHTHALMOLOGY INCLUDING COMMUNITY**

**OPHTHALMOLOGY AND REFRACTION**

*Q.P. Code : 222222*

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(2 x 20 = 40)**

1. Binocular vision. Factors responsible for development, tests and management of defective BSV.
2. Trabeculectomy – Types, Indications, Complications and Management.

**II. Write short notes on :**

**(10 x 6 = 60)**

1. Entropion.
2. NPCB.
3. Spring catarrh.
4. Acanthamoeba keratitis.
5. Maddox rod and wing.
6. Chemical injuries.
7. Ophthalmia neonatorum.
8. Low vision aids.
9. Manifestations of collagen vascular disorders.
10. Management of anisometric hypermetropia in a 5 yrs old presenting for first time.

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March 2010

[KW 216]

Sub. Code: 2222

**M.S. DEGREE EXAMINATION**

**Branch III – OPHTHALMOLOGY**

**Common to**

**Part II – Paper I – (Candidates admitted upto 2003-04 & 2008-09 onwards)**

**Paper II - (For candidates admitted from 2004-2005 to 2007-08)**

**OPHTHALMOLOGY INCLUDING COMMUNITY**

**OPHTHALMOLOGY AND REFRACTION**

*Q.P. Code : 222222*

**Time : Three hours**

**Maximum : 100 marks**

**Answer ALL questions**

**Draw suitable diagram wherever necessary**

**I. Essay questions :**

**(2 x 20 = 40)**

1. Describe the anatomy of the orbit with a neat diagram.  
Describe the aetiology of unilateral proptosis.  
Add a note on Tolosa-Hunt-syndrome.
2. Describe the pathogenesis of rhegmatogenous retinal detachment,  
differential diagnosis of retinal detachment and surgery of  
rhegmatogenous retinal detachment.

**II. Write short notes on :**

**(10 x 6 = 60)**

1. Corneal ectasias.
2. Contact lenses.
3. Retinopathy of prematurity.
4. Degenerative myopia.
5. Golden har syndrome.
6. Nystagmus.
7. Vision 2020.
8. Childhood blindness.
9. Pseudo exfoliation.
10. Cystoid macular oedema.

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September 2010

[KX 216]

Sub. Code: 2222

**M.S. DEGREE EXAMINATION**

**Branch III – Ophthalmology  
OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION**

**Part II – Paper I – (Candidates admitted from 2008-09 onwards)  
Paper II - (For candidates admitted from 2004-2005 to 2007-08)**

*Q.P. Code : 222222*

**Time : Three hours**

**Maximum : 100 marks**

**Draw suitable diagram wherever necessary.**

**Answer ALL questions.**

**I. Essay questions :**

**(2 X 20 = 40)**

1. Describe the etiology, clinical features and management of Neovascular Glaucoma.
2. Enlist the refractive corneal surgeries / procedures. Describe in detail any one of them. Describe the advantages, complications and limitations of the method.

**II. Write short notes on :**

**(10 X 6 = 60)**

1. Pathological myopia.
2. Therapeutic contact lenses.
3. District blindness control society.
4. Classification of Xerophthalmia.
5. Metabolic cataract.
6. Multifocal IOLs'.
7. Spring Catarrh.
8. Ophthalmia neonatorum.
9. Scleromalacia perforans.
10. Rehabilitation of blind.

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May 2011

[KY 216]

Sub. Code: 2222

**M.S. DEGREE EXAMINATION**

**BRANCH III – OPHTHALMOLOGY**

**OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION**

*Q.P. Code : 222222*

**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. Define Amblyopia. Discuss in detail the management of Amblyopia.  | 11 | 35 | 15 |
| 2. Describe the Aetiology, classification, clinical features, investigations and management of age related macular degeneration. | 11 | 35 | 15 |

**II. Write notes on :**

- |  |   |    |   |
|--|---|----|---|
| 1. Vision 2020.                                  | 4 | 10 | 7 |
| 2. Management of Post operative endophthalmitis. | 4 | 10 | 7 |
| 3. Vitamin A deficiency.                         | 4 | 10 | 7 |
| 4. Graft rejection.                              | 4 | 10 | 7 |
| 5. Soft contact lens.                            | 4 | 10 | 7 |
| 6. School health screening camp.                 | 4 | 10 | 7 |
| 7. Indirect ophthalmoscopy.                      | 4 | 10 | 7 |
| 8. Complicated cataract.                         | 4 | 10 | 7 |
| 9. Pigmentary glaucoma.                          | 4 | 10 | 7 |
| 10. Herpes zoster ophthalmicus.                  | 4 | 10 | 7 |

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October 2011

[KZ 216]

Sub. Code: 2222

**M.S. DEGREE EXAMINATION**  
**BRANCH III – OPHTHALMOLOGY**  
**OPHTHALMOLOGY INCLUDING COMMUNITY**  
**OPHTHALMOLOGY AND REFRACTION**

*Q.P. Code : 222222*

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

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Discuss about myopia including fundus changes and various modalities of correction.	11	35	15
2. What is the goal of NPCB? Discuss about its strategies (National programme for control of blindness).	11	35	15

**II. Write notes on :**

1. Eye Bank.	4	10	7
2. Low vision Aids.	4	10	7
3. Duochrome test.	4	10	7
4. Uses of prism in ophthalmology.	4	10	7
5. Management of vernal conjunctivitis.	4	10	7
6. Tests for colour vision.	4	10	7
7. Indirect ophthalmoscopy.	4	10	7
8. Retinitis pigmentosa with a note on recent advances in management.	4	10	7
9. Malignant glaucoma .	4	10	7
10. Sympathetic ophthalmia.	4	10	7

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April 2012

[LA 216]

Sub. Code: 2222

**M.S. DEGREE EXAMINATION  
BRANCH III – OPHTHALMOLOGY  
OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION**

*Q.P. Code : 222222*

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

**Maximum : 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on :**

	<b>Pages (Max.)</b>	<b>Time (Max.)</b>	<b>Marks (Max.)</b>
1. Discuss causes of Blindness and Rehabilitation of Blind.	16	35	15
2. Discuss the differential diagnosis of sudden loss of vision and management of Central Retinal artery occlusion.	16	35	15

**II. Write notes on :**

1. Discuss the Indications and uses of Therapeutic Contact lens.	4	10	7
2. Explain the principle and clinical utility of Auto refractometer.	4	10	7
3. Causes, clinical features and management of interstitial keratitis.	4	10	7
4. Importance of Diabetic Retinopathy Screening in Rural Area.	4	10	7
5. Sequelae of chronic iridocyclitis and management options in different stages.	4	10	7
6. Clinical features and management of Possner schlossman's syndrome.	4	10	7
7. Importance of School survey in prevention of childhood blindness.	4	10	7
8. Tests for Malingering and its importance.	4	10	7
9. Discuss the classification of anomalies of accommodation and How will you manage Presbyopia?	4	10	7
10. Contrast Sensitivity –Tests and its importance.	4	10	7

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[LB 216]

OCTOBER 2012

Sub. Code: 2222

M.S. DEGREE EXAMINATION

BRANCH III – OPHTHALMOLOGY

OPHTHALMOLOGY INCLUDING COMMUNITY

OPHTHALMOLOGY AND REFRACTION

Q.P. Code : 222222

Time : 3 hours

Maximum : 100 marks

(180 Min)

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks

(max.) (Max.) (Max.)

1. Shadow test (Skiascopy)	16	35	15
2. Corneal Ulcer, Complications and management	16	35	15

II. Write notes on:

1. Duochrome Test and its applications	4	10	7
2. Subjective Verification of Lenses.	4	10	7
3. Orthoscopic Lenses and their uses	4	10	7
4. HyperMetropia and its correction	4	10	7
5. Vision 2020 and its salient features	4	10	7
6. Ophthalmia Neonatorum - etiology and management	4	10	7
7. NPCB	4	10	7
8. Best Form Lenses and its uses	4	10	7
9. Pterygium – types and management	4	10	7
10. Multifocal IOLs and their applications	4	10	7

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[LC 216]

APRIL 2013

Sub. Code: 2222

**M.S. DEGREE EXAMINATION  
BRANCH III – OPHTHALMOLOGY  
OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION**

*Q.P. Code : 222222*

**Time: Three Hours**

**Maximum: 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Discuss the aetiology, clinical features, complications and management of dry eye.
2. Discuss the aetiology, classification, clinical features, and differential diagnosis of retinal detachment. Describe the management of rhegmatogenous retinal detachment.

**II. Write notes on:**

**(10 x 7 = 70)**

1. Vision 2020
2. Amblyopia and its management
3. Low vision aids
4. Preservation of donor cornea
5. Childhood blindness
6. Bullous keratopathy
7. Ocular myiasis
8. Duochrome test
9. Tests for colour vision
10. Organization of eye camps

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[LD 216]

OCTOBER 2013

Sub. Code: 2222

**M.S. DEGREE EXAMINATION**  
**BRANCH III – OPHTHALMOLOGY**  
**OPHTHALMOLOGY INCLUDING COMMUNITY**  
**OPHTHALMOLOGY AND REFRACTION**

*Q.P. Code : 222222*

**Time: Three Hours**

**Maximum: 100 marks**

**Answer ALL questions in the same order.**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. What is Vision 2020 and right to sight? Discuss the action plan in India to control blindness.
2. Discuss the investigation and management of convergent squint in a 5 year old child.

**II. Write notes on:**

**(10 x 7 = 70)**

1. How will you organize school health screening camp.
2. Aetiology – Clinical features and management of ophthalmia Neonatorum.
3. Various methods of rehabilitation of blind.
4. Stages and management of retinopathy of pre-maturity.
5. Types of contact lens – Indication and uses.
6. Indication and uses of Duochrome test.
7. Indication and uses of Maddox Rod test.
8. Uses of prisms in Ophthalmology.
9. Aetiology, Clinical features and management of cystoid macular oedema.
10. Preservation of donor cornea.

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(LE 216)

APRIL 2014

Sub. Code:2222

**M.S. DEGREE EXAMINATION  
BRANCH III - OPHTHALMOLOGY  
OPHTHALMOLOGY INCLUDING COMMUNITY  
OPHTHALMOLOGY AND REFRACTION**

*Q.P.Code: 222222*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2X15=30)**

1. Discuss about Peripheral ulcerative Keratitis and its Clinical features and management.
2. Discuss about Melanoma of Choroid. Pathology, Investigations and principles of treatment.

**II. Write notes on:**

**(10X7=70)**

1. Contact lens materials.
2. Mitomycin in eye.
3. Rubeosis iridis.
4. Age related Macular degeneration.
5. Binocular single vision.
6. Convergence insufficiency.
7. Causes of isolated 4<sup>th</sup> Nerve palsy.
8. Examination of a case of Ptosis.
9. Stargadts dystrophy.
10. School screening Programme.

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(LF 216)

OCTOBER 2014

Sub. Code:2222

**M.S. DEGREE EXAMINATION**  
**BRANCH III - OPHTHALMOLOGY**  
**PAPER II - OPHTHALMOLOGY INCLUDING COMMUNITY**  
**OPHTHALMOLOGY AND REFRACTION**

*Q.P.Code: 222222*

**Time: Three Hours**

**Maximum: 100 marks**

**I. Elaborate on:**

**(2 x 15 = 30)**

1. Describe etiology, clinical features, investigations, complications and management of intermediate uveitis.
2. Causes and prevalence of corneal blindness in India. What are the prerequisites for arranging eye bank?

**II. Write notes on:**

**(10 x 7 = 70)**

1. Anomalous retinal correspondence.
2. IOL power calculation after keratorefractive surgery.
3. NPCB – objectives and functions.
4. Prophylactic laser treatment in myopia.
5. Glaucoma screening at primary eye care level.
6. Parinaud oculoglandular syndrome.
7. Management of post op astigmatism following cataract surgeries.
8. Pathogenesis and treatment of blepharitis.
9. Anomalies of accommodation.
10. Toxic maculopathies.

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