

SEPTEMBER 2002

[KH 214]

Sub. Code : 2225

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Ophthalmology

Part II

**Paper III — OPHTHALMOLOGY INCLUDING
INVESTIGATIVE OPHTHALMOLOGY AND
SURGERY**

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

1. Classify Esotropia. Describe Accommodative Esotropia. (25)
 2. Discuss the complications and management of Lasik. (25)
 3. Write briefly on : (5 × 10 = 50)
 - (a) Regraft (Corneal)
 - (b) Visco canalostomy
 - (c) Management of congenital cataract
 - (d) Limbal stem cell grafts
 - (e) Corneal endothelial protection in cataract surgery.
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OCTOBER 2003
[KJ 214]

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M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Ophthalmology

Part II

**Paper III — OPHTHALMOLOGY INCLUDING
INVESTIGATIVE OPHTHALMOLOGY AND SURGERY**

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

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

Answer ALL questions.

Draw suitable diagrams wherever necessary.

Essays : (2 × 15 = 30)

- 1. Discuss the complications of filtration surgery. Enumerate factors responsible for failed filtration and how do you revive the failed bleb?**
- 2. Classify lid tumors and describe the management of meibomian adenocarcinoma of the upper lid.**

Short Notes :

(10 × 5 = 50)

- 3. (a) Applanation Tonometry.
(b) Blow out fracture.
(c) Tests for Dry eye.
(d) Siderosis Bulbi.
(e) Lateral Orbitotomy.
(f) Ophthalmic Ultrasonography.
(g) Lime Burns.
(h) LASIK.
(i) Keratoprosthesis.
(j) Photodynamic therapy.**

[KL 214] AUGUST 2004 Sub. Code : 2225

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Ophthalmology

Part II

Paper III — OPHTHALMOLOGY INCLUDING INVESTIGATIVE OPHTHALMOLOGY AND SURGERY

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

Theory : Two hours and forty minutes	Theory : 80 marks
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M.C.Q. : Twenty minutes M.C.Q. : 20 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essays : (2 × 15 = 30)

(1) Describe in detail the procedure, indications, contra indications and advantages of phako emulsification.

(2) Discuss the merits and demerits of non-invasive techniques in ophthalmology (ultra sound, CT, MRI, etc.).

II. Short notes : (10 × 5 = 50)

- (a) Pseudomyopia.
- (b) Vernal catarrh.
- (c) Neuroparalytic keratitis.
- (d) Superior orbital fissure syndrome.
- (e) Glaucomatous-cyclitic crisis.
- (f) Eye bank and Keratoplasty.
- (g) Pseudoglioma.
- (h) Malingering tests.
- (i) Yag laser.
- (j) Herpes zoster ophthalmicus.

FEBRUARY 2005

[KM 214]

Sub. Code : 2225

M.S. DEGREE EXAMINATION.

(Revised Regulations)

Branch III — Ophthalmology

Part II

**Paper III — OPHTHALMOLOGY INCLUDING
INVESTIGATIVE OPHTHALMOLOGY AND
SURGERY**

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 questions :

(2 × 15 = 30)

**(1) Describe the role of LASER in ophthalmology –
indications, newer modes and technique of Laser.**

**(2) Describe in detail the different investigative
procedures in localization of intraocular foreign body
and its management.**

II. Short notes :

(10 × 5 = 50)

- (a) Preservation of Donor cornea.**
- (b) Refractive keratoplasty.**
- (c) Fadens suture.**
- (d) Small incision cataract surgery.**
- (e) Management of Buphthalmos.**
- (f) Ocular cysticercosis.**
- (g) Retinopathy of prematurity.**
- (h) Phakomatosis.**
- (i) Keratoconus and its management....**
- (j) Management of Ptosis.**

SEPTEMBER 2007

[KR 218]

Sub. Code : 2224

M.S. DEGREE EXAMINATION.

Branch III — Ophthalmology

OPHTHALMOLOGY INCLUDING INVESTIGATIVE
OPHTHALMOLOGY AND SURGERY

Part II — Old/New/Revised Regulation

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 procedure of cataract extraction with phaco emulsification, its advantages and disadvantages. What are the post operative complications of intra ocular surgery? (20)

2. Describe the methods of donor corneal preservation. (15)

3. Describe the management of retinal detachment. (15)

II. Short notes : (6 × 5 = 30)

(a) Fluidies

(b) Lasers in glaucoma

(c) Stem cell transplantation

(d) Fluorescein angiography

(e) Optical coherence tomography

(f) Ultra sound biomicroscopy.

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Sub. Code : 2224

M.S. DEGREE EXAMINATION.

Branch III — Ophthalmology

**Paper III — OPHTHALMOLOGY INCLUDING
INVESTIGATIVE OPHTHALMOLOGY AND
SURGERY**

(Candidates admitted upto 2003–04)

Part II — Old/New/Revised Regulation

Q.P. Code : 222224

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

Draw suitable diagrams wherever necessary.

I. Essay questions : (2 × 20 = 40)

**1. Discuss clinical signs, symptoms, complications
and management of anterior uveitis. (20)**

**2. Discuss types, indications and procedure of
keratoplasty. Mention briefly about donor corneal
preservation. (20)**

II. Short notes :

(10 × 6 = 60)

- 1. Ultrasound in ophthalmology.**
- 2. Phako emulsification.**
- 3. Maddox rod test.**
- 4. Amblyopia.**
- 5. Fluorescein dye uses.**
- 6. Vitrectomy and vitreous substitutes.**
- 7. Laser in ophthalmology.**
- 8. Nystagmus.**
- 9. Optical coherence tomography.**
- 10. Colour vision tests.**

September 2008

[KT 218]

Sub. Code: 2224

M.S. DEGREE EXAMINATION

Branch III – Ophthalmology

**Part II – Old/New/Revised Regulation
(For candidates admitted upto 2003-2004 onwards)**

**Paper III - OPHTHALMOLOGY INCLUDING INVESTIGATIVE
OPHTHALMOLOGY AND SURGERY**

Q.P. Code : 222224

Time : Three hours

Maximum : 100 marks

Draw suitable diagram wherever necessary.

Answer ALL questions.

I. Essay questions : (2 X 20 = 40)

1. Discuss surgical management of 45° (Forty Five Degree) exotropia in 20 (Twenty) years old.
2. Discuss the choice of surgery in the management of a paediatric Cataract.

II. Write short notes on : (10 X 6 = 60)

1. Ocular surface staining methods.
 2. Short wave length Automated Perimeter.
 3. Epilasik.
 4. Setons.
 5. Ocular Viscoelastic Devices.
 6. Peribulbar Anaesthesia.
 7. Principles of OCT (Optical Coherence Tomography).
 8. UBM – Ultra sound Bio-microscopy.
 9. Assessment of vision in a pre-verbal child.
 10. Deep lamellar Keretoplasty.
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