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M. S. Examination, 2011

OPHTHALMOLOGY

Paper - I

(Basic Ophthalmology)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all the questions. All question carry equal marks.

Describe in brief.

1. Development of cornea during embryonic life.
2. Basic techniques for evaluation of accommodation and peripheral vision.
3. Theories of colour vision development.
4. Role of mast cell stabilizers in management of inflammatory diseases of eye.
5. Histological features of retina.

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6. The process of tear formation and its drainage pathways.
7. Degenerative changes in the vitreous and its effects on the vitality of retina.
8. Astigmatism and its correction methodologies.
9. EMDR.
10. Eyelid developmental disorders.

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M. S. Examination, 2011

OPHTHALMOLOGY

Paper - II

(Clinical Ophthalmology)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all the questions. All question carry equal marks.

Discuss.

1. Retinoblastoma and its management.
2. Diabetic retinopathy, its investigations and management.
3. Eye pain - pathways of origin and its management.
4. Holmes Adie Syndrome.
5. Pseudo-bulbar palsy.

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6. Optic nerve induced visual loss-causes and management.
7. Argyll Robertson pupil.
8. Chronic simple glaucoma.
9. Endocrine exophthalmos.
10. Ulcerative keratitis - infective causes and its management.

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M. S. Examination, 2011

OPHTHALMOLOGY

Paper - III

(Principle and Practices of Surgery and
Related Topics)

Time : Three Hours]

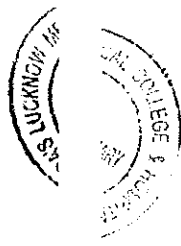
[Maximum Marks : 100

Note :- Attempt all the questions. All question carry
equal marks.

Discuss :

1. Role of Newer anti viral drugs in Ophthalmology.
2. Phacoemulsification - conventional versus modern.
3. Steroids in Ophthalmology.
4. Optic disc swelling - causes and management.
5. Fundus in familial optic atrophy.

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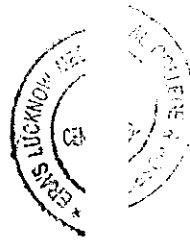
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6. Ptosis - causes and management.
7. Visual loss in old age - reasons and management options.
8. Retinal vessels in chronic hypertension.
9. Nystagmus - causes and corrections.
10. Thyroid eye disease

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M. S. Examination, 2011

OPHTHALMOLOGY

Paper - IV

(Recent Advances in Ophthalmology)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all the questions. All question carry equal marks.

Discuss recent advances in :

1. Laser therapy in ophthalmic diseases.
2. Dry eye management.
3. Plus disease of ROP - management.
4. Policy change and management of blindness in India.
5. Retinoblastoma management.

6. Marcus Gunn pupil management.
7. Imaging techniques for anterior segment of eye.
8. Keratoconus management.
9. Raised intra cranial pressure reduction management.
10. Medical management of.CNVM.

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M. S. Examination, 2012

OPHTHALMOLOGY

Paper - I

(Basic Medical Sciences)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Describe the anatomy of Cornea. Discuss briefly the factors responsible for corneal transparency. 25
2. Write short notes on : 15x3=45
 - (a) Jackson's cross cylinder
 - (b) Principles of indirect ophthalmoscopy
 - (c) Gonioscopy
3. Write briefly about : 10x3=30
 - (a) Superior orbital fissure
 - (b) Cycloplegics
 - (c) Electro Retino Gram (ERG)

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M. S. Examination, 2012

OPHTHALMOLOGY

Paper - II

(General Ophthalmology)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Discuss the etiopathogenesis and management of congenital glaucoma. 25
2. Write short notes on : 15x3=45
 - (a) Retinopathy of prematurity
 - (b) Clinically significant macular oedema
 - (c) Management of Acanthameoba keratitis
3. Write briefly about : 10x3=30
 - (a) Multifocal IOL's
 - (b) Toxic Anterior Segment Syndrome
 - (c) Brown Syndrome

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M. S. Examination, 2012

OPHTHALMOLOGY

Paper - III

(General Ophthalmology)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Discuss the etiopathogenesis, clinical features and management of thyroid ophthalmopathy. 25
2. Write short notes on : 15x3=45
 - (a) Hypertensive Retinopathy
 - (b) Pathology of Retinoblastoma
 - (c) Frontalis Sling
3. Discuss briefly the IOL power calculation and surgical management of paediatric cataract.

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M. S. Examination, 2012

OPHTHALMOLOGY

Paper - IV

**(Recent Advances and Community
Ophthalmology)**

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Discuss the recent advances in the management of cataract surgery. 25
 2. Write short notes on : 15x3=45
 - (a) C3R
 - (b) Spectral Domain OCT
 - (c) Anti-VegF
 3. Write brief about : 15x2=30
 - (a) Vision 20-20
 - (b) Glaucoma Drainage Devices
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