8241_2008_1_S41

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - April 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY

PAPER I

Q.P. CODE : 8241

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the blood supply of optic nerve head giving diagrams
2. Describe retinal adaptation to dark and light

SHORT ESSAY **6 X 10 = 60 Marks**

3. Contrast sensitivity
4. Applanation tonometry
5. Pathology of corneal ulcer
6. Prisms in ophthalmology
7. Jackson's cross cylinder
8. Lacrimal gland tumours

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8242_2008_1_S41

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - April 2008

Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY

PAPER II

Q.P. CODE: 8242

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Classify corneal degenerations give their clinical features and treatment

2. Describe the etiology and clinical features of heterophoria. How will you investigate and treat it?

SHORT ESSAY **6 X 10 = 60 Marks**

3. Post operative end ophthalmitis
4. Chemical burns of eye
5. Presbyopia
6. Convergence insufficiency
7. V.K.H. syndrome
8. Mooren's ulcer

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8243_2008_1_S42

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - April 2008

ime: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY

PAPER III

Q.P. CODE: 8243

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

NG ESSAY **2 X 20 = 40 Marks**

. Describe the etiology and management of dry eye

. Discuss the etiopathogenis, clinical picture and differential diagnosis of papillocdema

ORT ESSAY **6 X 10 = 60 Marks**

. Cavernous sinous thrombosis

. Congemital anomalies of lens

. Nystagmas

. Essential blcpharospasm

. Magnetic resonance imaging

. Afferant papillary defects

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M.S. Degree Examination - April 2008

Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY

PAPER IV

Q.P. CODE: 8244

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

ONG ESSAY **2 X 20 = 40 Marks**

1. Describe the pathogenesis, clinical picture and management of primary open angle glaucoma
2. Describe retinopathy of pre-maturity

HORT ESSAY **6 X 10 = 60 Marks**

3. Metabolic cataract
4. Management of diabetic retinopathy
5. Vitreous substitutes
6. Eye banking
7. Phakonit
8. Photodynamic therapy

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - October 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY

PAPER I

Q.P. CODE : 8241

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the anatomy of uvea
2. Describe theories of colour vision, various methods of detection of colour blindness and types of colour blindness

SHORT ESSAY **6 X 10 = 60 Marks**

3. Accommodation
4. Sturm's conoid
5. Pathogenesis of cataract
6. Gonioscopic appearance of anterior chamber angle
7. Amsler grid
8. Optic nerve tumours – classification and diagnostic features

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - October 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY

PAPER II

Q.P. CODE: 8242

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the etiopathogenesis, clinical picture, diagnosis and management of fungal keratits
2. Describe amblyopia

SHORT ESSAY **6 X 10 = 60 Marks**

3. A.I.D.S in eye
4. Management of regular astigmatism
5. Investigations for uveitis
6. Penetrating keratoplasty
7. Cysts of iris
8. Diplopia charting

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M.S. Degree Examination - October 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY

PAPER III

Q.P. CODE : 8243

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the clinical picture and management of endocrinal exophthalmos
2. Describe anterior ischemic optic neuropathy

SHORT ESSAY **6 X 10 = 60 Marks**

3. Congenital Ptosis
4. Nasolacrimal ductobstruction
5. Management of paediatric aphakia
6. Horner syndrome
7. Sixth nerve palsy
8. Tear film

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M.S. Degree Examination - October 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY

PAPER IV

Q.P. CODE: 8244

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe etiology, clinical picture and management of central retinal vein thrombosis
2. Discuss advances in cataract surgery

SHORT ESSAY **6 X 10 = 60 Marks**

3. Laser photocoagulation
4. Lens induced glaucoma
5. Cystoid macular oedema
6. Electro oculography
7. Pars plana vitrectomy
8. Neuroprotective antiglaucoma drugs

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - October 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY (D.O.M.S.)

PAPER – I (Old Scheme)

Q.P. CODE : 7161

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the formation and drainage of aquous humour. What are the factors maintaining normal intraocular pressure

2. Describe the pathogenesis, clinical picture and treatment of retinoblastoma

SHORT ESSAY **6 X 10 = 60 Marks**

3. Plane mirror retinoscopy
4. Essential infantile esotropia
5. Visual testing in children
6. Congenital anomalies of Iris
7. Gonioscopy
8. Keratoconus

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - October 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY (D.O.M.S.)

PAPER – III (Old Scheme)

Q.P. CODE : 7163

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the anatomy of cavernous sinus. Give the etiology, clinical picture, complications of cavernous sinus thrombosis

2. What are the risk factors in diabetic retinopathy? Discuss the management of diabetic retinopathy

SHORT ESSAY **6 X 10 = 60 Marks**

3. Antiglaucoma surgeries
4. Vitreous haemorrage
5. Optic neuritis
6. Silicone oil
7. Evaluation of epiphora
8. Berlin's oedema



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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - October 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY (D.O.M.S.)

PAPER – II (Old Scheme)

Q.P. CODE : 7162

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the ocular manifestations of AIDS. Give the medical treatment
2. Describe penetrating Keratoplasty giving its indications, procedure, complications and their management

SHORT ESSAY **6 X 10 = 60 Marks**

3. Management of uveitis
4. Traumatic cataract
5. Posterior scleritis
6. Xerophthalmia
7. Disposable contact lens
8. B scan

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Post-Graduate Diploma Examination - October 2008

[Time: 3 Hours] [Max. Marks: 100]

OPHTHALMOLOGY (D.O.M.S.)

PAPER – I (Old Scheme)

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SHORT ESSAY **6 X 10 = 60 Marks**

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4. Essential infantile esotropia
5. Visual testing in children
6. Congenital anomalies of Iris
7. Gonioscopy
8. Keratoconus

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OPHTHALMOLOGY (D.O.M.S.)

PAPER – II (Old Scheme)

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7. Disposable contact lens
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OPHTHALMOLOGY (D.O.M.S.)

PAPER – III (Old Scheme)

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LONG ESSAY **2 X 20 = 40 Marks**

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2. What are the risk factors in diabetic retinopathy? Discuss the management of diabetic retinopathy

SHORT ESSAY **6 X 10 = 60 Marks**

3. Antiglaucoma surgeries
4. Vitreous haemorrage
5. Optic neuritis
6. Silicone oil
7. Evaluation of epiphora
8. Berlin's oedema



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[Time: 3 Hours] [Max. Marks: 100]

DIPLOMA IN OPHTHALMOLOGY (D.O.M.S)

PAPER – I (Revised Scheme)

Q.P. CODE : 7171

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe the layers of the cornea and discuss the factors contributing to corneal transparency
2. Discuss the clinical features of Buphthalmos and discuss its management

SHORT ESSAY **6 X 10 = 60 Marks**

3. Define Amblyopia and give its classification. Briefly discuss the management of Amblyopia
4. Microtropia
5. What is a cross cylinder? Discuss its uses
6. Current trends in the management of Retinoblastoma
7. Discuss small Incision Cataract Surgery and its advantages
8. Blood supply of the Optic Nerve Head

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[Time: 3 Hours] [Max. Marks: 100]

DIPLOMA IN OPHTHALMOLOGY (D.O.M.S)

PAPER – II (Revised Scheme)

Q.P. CODE : 7172

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the clinical features and management of Malignant Melinoma of the Choroid
2. Describe the clinical features and management of Herpes Zoster Ophthalmicus

SHORT ESSAY **6 X 10 = 60 Marks**

3. Climatic Keratopathy
4. Bechet's Disese
5. Micro Incision Cataract Surgery
6. Chemical Injuries to the Eye
7. Newer Keratoplasty techniques
8. Hyphaema

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[Time: 3 Hours] [Max. Marks: 100]

DIPLOMA IN OPHTHALMOLOGY (D.O.M.S)

PAPER – III (Revised Scheme)

Q.P. CODE : 7173

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss IIIrd Nerve Palsy
2. Describe the ocular manifestations of AIDS

SHORT ESSAY **6 X 10 = 60 Marks**

3. Ocular changes in pregnancy
4. Vision 20/20
5. Newer anti-glaucoma drugs
6. Normal Tension Glaucoma
7. Central Retinal Artery Occlusion
8. Exophthalmos

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DIPLOMA IN OPHTHALMOLOGY (D.O.M.S)

PAPER – I (Revised Scheme)

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7. Discuss small Incision Cataract Surgery and its advantages
8. Blood supply of the Optic Nerve Head

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DIPLOMA IN OPHTHALMOLOGY (D.O.M.S)

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5. Micro Incision Cataract Surgery
6. Chemical Injuries to the Eye
7. Newer Keratoplasty techniques
8. Hyphaema

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DIPLOMA IN OPHTHALMOLOGY (D.O.M.S)

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