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8241_2011_2_S202

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - Nov 2011

[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. What is dark adaptation? Describe the molecular events that underlie this process
2. Describe the structure and function of the ciliary body

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

3. Histology of the Macula
4. Vascular changes in diabetic retinopathy
5. Anti fungal drugs
6. Metabolism of vitreous
7. Duochrome test
8. Maddox rod test

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8242_2011_2_S201

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - Nov 2011

[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. Give an account of the major causes for corneal graft failure. what is the immunological basis of transplant rejection
2. A patient has horizontal diplopia maximal on looking to the right. Discuss the management

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

3. Acanthamoeba keratitis
4. Limbal dermoids
5. Masquerade syndrome
6. Scleritis. Give its classification and causes
7. Investigation of posterior Uveitis
8. Stem cell transplantation

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8243_2011_2_S201

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - Nov 2011

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

OPHTHALMOLOGY

PAPER III

Q.P. CODE: 8243

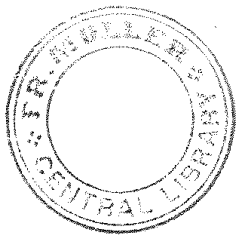
Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

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

1. Discuss the differential diagnosis and management of unilateral ptosis
2. Discuss juvenile systemic disorders affecting the eye

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

3. Describe endonasal dacrocystectomy – advantages and limitations
4. Give an account of orbital cellulites and its management
5. Caroticocavernous fistula
6. Management of Ectropion Lower lid
7. Discuss the management of facial nerve palsy
8. Discuss the investigation and management of proptosis in an adult



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8244_2011_2_S273

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - Nov 2011

[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. Discuss the recent advances in the management of Age Related Macular Degeneration

2. Discuss the recent advances in the investigations and treatment of primary open angle glaucoma

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

3. Intravitreal injections in diabetic retinopathy
4. Steven – Johnson syndrome
5. Non – retinal ocular manifestations of Diabetes Mellitus
6. Magnitude of Bilndness in India and strategies for its control
7. Genetics in Retinitis Pigmentosa
8. Management of subluxated cataract

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8241_2011_I_S203

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2011

[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. Discuss the mechanisms of accommodation of the eye. Describe the various methods of assessment of the anomalies of accommodation
2. Describe the orbital spaces, with their significances in investigations and salient disorders

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

3. Electro oculogram
4. Human immuno deficiency virus
5. Vitreous substitutes
6. Histopathology of Retinoblastoma
7. Cross – cylinders
8. Anti metabolites

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8242_2011_I_S206

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2011

[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. Discuss the aetiopathogenesis, clinical features, types and management of Myopia.
2. Discuss various corneal dystrophies.

SHORT ESSAY

6 X 10 = 60 Marks

3. Accommodative Esotropia.
4. Vernal conjunctivitis.
5. Bandage Contact Lens.
6. Features of granulomatous uveitits.
7. Surgical management of Astigmatism.
8. A/V phenomenon.

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8243_2011_I_S205

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination –May 2011

ne: 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**

Discuss aetiopathogenesis and management of unilateral Proptosis.

Discuss the investigations of a case of Epiphora.

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

Hordeolum Externum.

Ocular signs of pituitary tumours.

Assessment of visual acuity in pre-school children.

Meibomian carcinoma.

Nystagmus.

Traumatic ptosis.

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8244_2011_I_S203

Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2011

[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. Evaluate strategies to reduce childhood blindness in the vision 2020 programme
2. Correlate the management of malignant glaucoma to its pathogenesis

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

3. CRVO changing trends in management
4. Safe cataract surgery in diabetes
5. POAG factors that help decide target intra ocular changes
6. Management of vireous Haemorrhage
7. Uses of Botulinum Toxin in ophthalmology
8. Macular Hole – causes, diagnosis and management

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