Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – APRIL/MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

MS OPHTHALMOLOGY
PAPER – I

Q.P. CODE: 8241

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the anatomy of the oculomotor nucleus. Add a note on the course of the oculomotor nerve and its clinical significance.
2. Discuss the factors influencing corneal transparency.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Optics of indirect ophthalmoscopy
4. Theories of accommodation
5. Staining and cultural features of Acanthamoeba
6. Antifungals in ophthalmology
7. Histopathology of basal cell carcinoma of the eyelid
8. Genetics of retinoblastoma

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - MAY 2015

[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 differential diagnosis and management of bilateral panuveitis
2. Critically discuss the recent advances in keratorefractive procedures

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

3. Brown's syndrome
4. Abnormal retinal correspondence
5. Management of Irregular Astigmatism in Keratoconus
6. Amniotic Membrane Transplantation
7. Visual Rehabilitation of Blind
8. Write briefly about aniridia

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – MAY 2015

[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 modern aids to diagnose a case of unilateral proptosis. How will you manage optic nerve giloma
2. Discuss the causes of Lateral Rectus Palsy and its management

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

3. Management of congenital dacryocystitis
4. Clinical features and management of orbital cellulitis
5. Rubella cataract
6. Ocular pemphigus
7. Ulcerative Blepharitis
8. Visual rehabilitation following paediatric cataract surgery

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

MS OPHTHALMOLOGY
PAPER – IV

Q.P. CODE: 8244

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the advances in cataract surgery in the last two decades.

2. Discuss ocular cysticercosis.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Ocular manifestations of leprosy

4. Neuroprotective agents

5. Prostaglandin analogues

6. District blindness control society

7. Idiopathic polypoidal choroidal vasculopathy

8. Spectral domain OCT in the diagnosis and management of glaucoma

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - MAY 2015

[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. Classify corneal Dystrophies and describe Fuch's endothelial dystrophy
2. Describe the clinical features of intermediate uveitis and discuss its management

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

3. Orthokeratology
4. Management of recurrent pterygium
5. Write briefly on ocular surface disorders
6. Necrotizing scleritis
7. Toxic lens syndrome
8. Corneal graft rejection

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Classify congenital cataract. Describe in detail management of a 3 year old child with bilateral congenital cataract.
2. Discuss differential Diagnosis and Management of Nodule at the Limbus

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Vogt Koyanagi Haradas disease
4. Treatment of herpes simplex keratitis
5. Horse shoe tear of the retina
6. Management of cataract in uveitis
7. Corneal collagen cross linking
8. Management of clinically significant macular edema(csme)

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – MAY 2015

Time: Three Hours **Max. Marks: 100 Marks**

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. What is clinically significant macular edema? Classify and discuss the treatment options available for clinically significant macular edema.
2. Genetics of retinoblastoma. What are the signs and symptoms and investigations for a case of retinoblastoma?

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Multifocal IOL's
4. Pseudoexfoliation syndrome and glaucoma
5. Horner's syndrome
6. Intraocular gases in retinal detachment
7. Macular hole
8. Blow- out fractures

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - OCTOBER 2015

[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 Anatomy of the Angle of Anterior Chamber.
2. Discuss the factors maintaining transparency of Cornea.

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

3. Optics of Indirect Ophthalmoscope.
4. Retinoscopy.
5. Histopathology of pterygium.
6. Duochrome Test.
7. Uveoscleral outfolw.
8. Theories of Colour vision.

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination – OCTOBER 2015

[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. Discuss with labelled diagram the anatomy of optic chiasma
2. Describe the clinical features and histopathology (Draw diagrams) of retinoblastoma

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

3. Degenerative myopia
4. Accommodative esotropia
5. Keratometry
6. Cross – cylinder
7. Snellen's chart
8. Maintenance of intra ocular pressure

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – OCTOBER 2015

Time: Three Hours **Max. Marks: 100 Marks**

MS OPHTHALMOLOGY
PAPER – III

Q.P. CODE: 8243

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss the management of traumatic hyphaema. Discuss the consequences of a blunt injury to the right eye
2. Discuss the management of a 3month old baby with dense cataracts in both the eyes

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Discuss acute Dacryocystitis
4. Discuss Orbital Cellulitis
5. Discuss Monofixation syndrome
6. Unilateral diplopia
7. Edingher Westphal Nucleus
8. Aniridia

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - OCTOBER 2015

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

DIPLOMA IN OPHTHALMOLOGY (D.O.)

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 in detail the pathogenesis of diabetic retinopathy
2. Discuss the visual field defects in chronic simple glaucoma

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

3. Basal cell carcinoma of eye lid
4. Pseudo tumour of orbit
5. Anti fungal agents
6. Retinitis pigmentosa
7. Sturge – Weber syndrome
8. Anterior ischaemic optic neuropathy

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – OCTOBER 2015

Time: Three Hours **Max. Marks: 100 Marks**

MS OPHTHALMOLOGY
PAPER – IV

Q.P. CODE: 8244

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

LONG ESSAYS **2 x 20 = 40 Marks**

1. Discuss recent advances in the management of retinoblastoma.

2. Discuss the new imaging techniques in the diagnosis of angle closure disease. Add a note on optic disc imaging in diagnosis of glaucoma.

SHORT ESSAYS **6 x 10 = 60 Marks**

3. Ocular ischemic syndrome

4. Sturge Weber syndrome

5. Screening procedures in ophthalmology

6. Ocular trauma score

7. Lens metabolism

8. Ocular side effects of anti tubercular drugs

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