Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – Oct/Nov 2014

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

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

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

1. Describe the gross and microanatomy of the angle of the eye and it's surgical importance
2. Describe the theories of colour vision and the methods of testing it.

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

3. Trachoma follicle
4. Optics of indirect ophthalmoscopy
5. Isoametropic amblyopia
6. Rubella cataract
7. Irregular astigmatism
8. Acid fast bacilli

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Rajiv Gandhi University of Health Sciences

Post-Graduate Diploma Examination - Oct/Nov 2014

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

DIPLOMA IN OPHTHALMOLOGY (D.O.)

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. Describe the steps of MSICS (Manual Small Incision Cataract Surgery)
2. Describe the various causes of Corneal Oedema and its Management.

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

3. Fuch's Endothelial Dystrophy.
4. Episcleritis
5. Ophthalmia Neonatorum.
6. Anterior Chamber Tap.
7. PUK.
8. Granulomatous Uveitis.

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Diploma Degree Examination – Oct/Nov 2014

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. Discuss causes for unilateral disc oedema. Discuss about newer modalities of treatment of optic neuritis.
2. Discuss causes of epiphora. Write about management of Acute Dacryocystitis.

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

3. Pneumoretinopexy
4. Discuss management of Rhegmatogenous retinal detachment
5. Discuss management of lid tumors
6. Discuss fundus picture in hemiretinal venous occlusion
7. Marcus Gunn pupil
8. Ocuserts

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2014

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

MS OPHTHALMOLOGY
PAPER – I

Q.P. CODE: 9241

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 development, gross and microscopic anatomy of the human retina. Add a note on the functions of retinal pigment epithelium.

2. Discuss the physiology of color vision. Add a note on different types of color blindness.

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

3. Aberrations in optical systems

4. Histopathology of rhabdomyosarcoma

5. Free radicals and the eye

6. Adenovirus

7. Mast cells in diseases of the eye

8. Lens proteins



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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - May 2014

[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. How will you investigate a case of keratitis? Discuss the clinical features and management of Herpes zoster Keratitis
2. Define Amblyopia, Discuss the aetiopathology, clinical features and treatment of amblyopia

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

3. Preservation of Donor cornea
4. Surgical correction of presbyopia
5. Amniotic membrane Transplantation
6. Cyclitis and its management
7. A-V pattern strabismus
8. Goldenhar's syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2014

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 Aetiology ,pathogenesis and clinical features of thyroid eye disease

2. Describe clinical feature,aetiopathogenesis and treatment of Central Retinal Artery Occlusion

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

3. Low Visual Aids
4. Foster Kennedy Syndrome
5. Idiopathic Polypoidal choroidal Vasculopathy
6. Dissociated Vertical deviation
7. Centrocaecal scotoma
8. Pigmentary glaucoma

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – May 2014

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. Describe indications and techniques of Pneumoretinopexy. How do you compare it with sclera explant surgery?
2. Discuss clinical features, pathogenesis and management of ophthalmic features of AIDS.

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

3. Systemic Lupus erythematosis in Opthalmology – clinical features and management
4. Advantage of use of contact lens in YAG laser iridotomy
5. Role of OCT in Diabetic maculopathy
6. Management of cataract in Uveitis
7. Meridional Amblyopia
8. Role of Dyes in Vitreoretinal surgery

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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 retina, write a note on various investigations done to detect retinal diseases

2. Discuss aqueous humor dynamics. Write a note on newer anti glaucoma medications.

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

3. Corneal topography
4. Dalen Fuch's nodules
5. Genetics in ophthalmology
6. Sturm's Conoid
7. Afferent pupillary defect
8. Anti fungals in eye diseases



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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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

MS OPHTHALMOLOGY
PAPER – II

Q.P. CODE: 8242

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

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

1. How will you assess and manage a 3 year old child with esotropia.
2. Discuss the recent treatment options for keratoconus. Add a note on corneal topography

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

3. Surgical treatment options for myopia
4. Cicatricial pemphigoid
5. Infectious crystalline keratopathy
6. Posterior scleritis
7. Ophthalmia neonatorum
8. Infliximab



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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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 a patient with unilateral disc edema.

2. Classify ptosis. Discuss the assessment and treatment options in a patient with ptosis.

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

3. Idiopathic inflammations of the orbit

4. Gerstmann syndrome

5. Epiphora-evaluation

6. Management principles of a retained intra-ocular foreign body

7. Leucocoria

8. Zonular cataract

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Rajiv Gandhi University of Health Sciences, Karnataka

Post Graduate Degree Examination – Oct/Nov 2014

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 Age related macular degeneration and discuss about the latest modalities of Treatment
2. Discuss Primary Angle Closure Glaucoma, its aetiology and management

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

3. Optical Coherence Tomography
4. Vision 2020
5. Classification and management of Diabetic Retinopathy
6. Multifocal IOL's
7. Anti VEGF and its uses
8. Ocular Visco elastic devices

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