Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - MAY-2019

[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 The Questions 10 X 20 = 40 Marks

1. Describe the anatomy of the angle of anterior chamber and the gonioscopic appearance.
2. Discuss the protective mechanisms of the eye. Write a note on blood ocular barriers in brief.
3. Describe Sturm conoid. Write a note on theories of accommodation.
4. Factors maintaining the normal retinal adherence
5. Ophthalmic Viscoelastic substances and devices
6. Laboratory diagnosis of corneal ulcer
7. Optics of indirect ophthalmoscope
8. Histopathology of malignant melanoma
9. Discuss management of traumatic Hyphema.
10. Classification of dry eye and its management in brief.

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Rajiv Gandhi University of Health Sciences

MS Degree Examination – MAY-2019

Time: Three Hours | Max. Marks: 100 Marks

Ophthalmology - PAPER – II

Q.P. CODE: 8242

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

nswer All The Questions | 10 x 10 = 100 Marks

1. Describe the role of Mydriatic drugs in Refraction.
2. How do you evaluate a case of Concomitant convergent Squint in 8 year old child?
3. Types and management of Staphylomas
4. Discuss the Etiopathogenesis and Management of Pseudophakic bullous Keratopathy.
5. Write on Intra Stromal Corneal rings.
6. Describe the Surgical techniques for correcting presbyopia.
7. Describe the Recent Surgical Trends in the treatment of Pterygium.
8. Describe the clinical features and management of Anterior Uveitis.
9. Describe the clinical features and management of Stromal Corneal Dystrophies.
10. Discuss the differential diagnosis of Nodule at the Limbus.

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Rajiv Gandhi University of Health Sciences

MS Degree Examination – MAY-2019

Time: Three Hours | Max. Marks: 100 Marks

Ophthalmology – PAPER - III

Q.P. CODE: 8243

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

Answer All The Questions | 10 x 10 = 100 Marks

1. Discuss the Etiopathogenesis and different diagnosis of Papilloedema.
2. How do you investigate and manage a case of Unilateral Optic Atrophy?
3. Horner's Syndrome
4. Etiopathogenesis and management of Thyroid Ophthalmopathy
5. Discuss the indications and operative technique of Dacrocysto Rhinostomy.
6. Discuss the clinical features and management of Blepharitis.
7. discuss the clinical features and management of Cavernous Sinus Thrombosis.
8. What are the causes of Bilateral Proptosis in a child and discuss the management.
9. How do you investigate and manage a case of Unilateral Oculomotor Nerve Palsy in a 60 years old?
10. Classification of Ectropion and management of Senile Ectropion.

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - MAY-2019

[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 The Questions 10 X 10 = 100 Marks

1. Phakic Intraocular Lenses
2. Uses of Capsular Tension Rings
3. Discuss the causes, Pathogenesis and management of Macular Hole.
4. What is vision 2020? Discuss different aims and objectives of the Vision 2020.
5. What are the causes of Childhood Blindness? What are the preventive methods to combat blindness in children?
6. Describe the Newer drugs used in the treatment of Glaucoma.
7. Acute Retinal Necrosis
8. Discuss the causes and management of Vitreous Haemorrhage.
9. Discuss Vitreous replacement and its role in the management of Retinal Detachment.
10. What are the causes of incurable blindness? Write about different methods of Visual rehabilitation.

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - 12-Nov-2019

[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 The Questions 10 X 10 = 100 Marks

1. Describe the Anatomy and the actions of Superior oblique muscle.
2. Describe the principle of Applanation Tonometry and factors affecting it.
3. Describe the factors affecting the Corneal Transparency.
4. Describe the pathology of Sebaceous cell Carcinoma.
5. Describe the Laboratory diagnosis of Acanthamoeba.
6. Describe the Anatomy and lesions of Optic Chiasma.
7. Describe different drug delivery systems in Ophthalmology.
8. Describe the Optics of Specular Microscopy and its uses.
9. Discuss use of antimetabolites in Ocular Surgeries.
10. Describe the Light-Near Dissociation.

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - 14-Nov-2019

[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 The Questions 10 X 10 = 100 Marks

1. Discuss the management of Keratoconus in brief.
2. Describe the management of Alkali Burns of the Eye.
3. Ophthalmia Neonatorum
4. Clinical evaluation and management of Heterophoria
5. Stem – cells in Ophthalmology
6. Causes and management of Hazy Cornea in infants
7. Fuchs uveitis syndrome
8. Management of Recurrent Pterygium
9. Discuss different classifications of chemical burns of eye.
10. Discuss role of Anti-VEGFs in posterior segment conditions of the eye

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination – 16-Nov-2019

[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 The Questions 10 X 10 = 100 Marks

1. Discuss the Clinical Evaluation and management of Ptosis.
2. Discuss the clinical features and management of Dry Eye syndrome.
3. Ectropion.
4. Traumatic optic Neuropathy.
5. Rubella cataract.
6. Management of Chronic dacryocystitis.
7. Homonymous Hemianopia.
8. Orbital cellulitis.
9. What is the role of OCT in diabetic macular edema?
10. Dislocated cataractous lens and its management

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Rajiv Gandhi University of Health Sciences

M.S. Degree Examination - 18-Nov-2019

[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 The Questions 10 X 10 = 100 Marks

1. Discuss about approach to a patient with vitreous hemorrhage.
2. Discuss the diagnosis and management of Primary open angle glaucoma.
3. Vision 2020
4. Adaptive optics in ophthalmology
5. Write a note on Informed consent. Write a form of informed consent for enucleation procedure.
6. Wet age-related macular degeneration
7. Posterior capsular opacification
8. Non-penetrating glaucoma surgeries
9. What is photodynamic therapy and its uses?
10. Keratoconus – recent trends in its management

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