

M.S. Examination

Ophthalmology : Branch IV

Paper-I

(Applied Basic Sciences)

[Max. Marks : 100

Date : 01-04-2019, Monday]

Time : 3 Hours]

- Instructions :** (1) Figure to the right indicates full marks.
(2) Write legibly.
(3) Draw diagram wherever necessary.

Q1: Describe the anatomy of macula and its clinical relevance.(20)

Q2: Describe the various routes of drug administration to the eyes.(20)

Q3: Write short notes on (10x2)

A: Contrast sensitivity

B: Visual evoked potential.

Q4: Write short notes on (10x2)

A: Transparency of the crystalline lens.

B: Accommodation.

Q5: Write short notes on (10x2)

A: Clinical uses of corneal topography.

B: Angle of anterior chamber.

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Candidate's Seat No : _____

M.S. Examination

Ophthalmology : Branch IV

Paper II

(Medicine, Surgery, Optics)

[Max. Marks : 100]

Date : 03-04-2019, Wednesday]
Time : 3 Hours]

- Instructions :
- (1) Figure to the right indicates full marks.
 - (2) Write legibly.
 - (3) Draw diagram wherever necessary.

Q1: Describe the pathogenesis , risk factors and management of Primary Angle Closure Glaucoma.(20)

Q2: Describe the pathogenesis, clinical features and management of postoperative endophthalmitis. What measures can be taken to minimize its occurrence.(20)

Q3: Write short notes on (10x2)

A: Optics of retinoscopy.

B: Low vision aids.

Q4: Write short notes on (10x2)

A: Duane's retraction syndrome.

B: Ophthalmia neonatorum.

Q5: Write short notes on (10x2)

A: Heterochromic iridocyclitis.

B: Central serous chorioretinopathy.

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M.S. Examination
Ophthalmology : Branch IV
Paper III
(General Medicine & Surgery)

Candidate's Seat No : _____

Date : 05-04-2019, Friday]
Time : 3 Hours]

[Max. Marks : 100

Instructions : (1) Figure to the right indicates full marks.
(2) Write legibly.
(3) Draw diagram wherever necessary.

Q1: Describe the various ocular manifestations which may occur in a patient suffering from Tuberculosis .(20)

Q2: Enumerate the common connective tissue disorders which may affect the eye. Describe the ophthalmic manifestations of these disorders. (20)

Q3: Write short notes (10x2)

- A: Xerophthalmia.
- B: Phacomatoses.

Q4: Write short notes on (10x2)

- A: Toxoplasmosis.
- B: Myasthenia gravis.

Q5: Write short notes on (10x2)

- A: Ocular ischaemic syndrome.
 - B: Papilloedema.
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M.S. Examination

Ophthalmology : Branch IV

Paper IV

(Modern Trends & recent Advances)

Date : 09-04-2019, Tuesday]

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Figure to the right indicates full marks.
(2) Write legibly.
(3) Draw diagram wherever necessary.

Q1: Describe the Laser procedures used for correction of Myopia.(20)

Q2: Discuss the recent trends in the management of diabetic macular oedema. (20)

Q3: Write short notes on (10x2)

- A: Indocyanine green angiography.
B: Micro incision Vitrectomy.

Q4: Write short notes on (10x2)

- A: Teleophthalmology.
B: Genetic counseling in ocular disorders.

Q5: Write short notes on (10x2)

- A: Anterior segment Optical coherence tomography.
B: Botulinum toxin .
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