



BB-2006100501010001

M. S. (Ophthalmology) Examination

April - 2022

Paper - I : Anatomy, Embryology, Physiology,
Pharmacology, Optics

Time : Hours]

[Total Marks :

Instruction :

नीचे दर्शावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लम्वी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M. S. (Ophthalmology)

Name of the Subject :
Paper-I : Anatomy, Embryology, Physiology, Pharmacology, Optics

Subject Code No. : Section No. (1, 2,.....) : NIL

2 0 0 6 1 0 0 5 0 1 0 1 0 0 0 1

Seat No. :
[] [] [] [] [] []

Student's Signature

- 1 Describe blood supply of optic nerve head with diagram. 10+15
Discuss patho physiology of glaucomatous optic nerve damage.
- 2 Describe the anatomy of cornea. Discuss the factors 12+13
which maintain the transparency of cornea ?
- 3 Clinical features and management of high myopia. 10+15
- 4 Write Short notes on : 08+08+09
 - (a) Diagnosis of Meibomian gland dysfunction
 - (b) Contrast sensitivity
 - (c) Rho kinase inhibitors



BB-2006100501020001

M. S. (Ophthalmology) Examination

April - 2022

Paper - II : Ophthalmic Medicine & Surgery

Time : Hours]

[Total Marks : 100

Instruction :

नीचे हस्ताक्षर निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M. S. (Ophthalmology)

Name of the Subject :
Paper - II : Ophthalmic Medicine & Surgery

Section No. {1, 2,.....}: NIL

Subject Code No. :
2 0 0 6 1 0 0 5 0 1 0 2 0 0 0 1

Seal No. :
[] [] [] [] [] []

Student's Signature

- 1 Describe causes, differential diagnosis, investigations and management of Peripheral ulcerative keratitis. 25
- 2 Describe Etiology, classification clinical features, and management of Retinal vein occlusion. 25
- 3 Clinical features evaluation and management of ocular cysticercosis. 25
- 4 Write short notes on : 8+8+9
 - (a) DEWS guidelines for management of dry eye
 - (b) Biometry
 - (c) Complications of LASIK



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M. S. (Ophthalmology) Examination

April - 2022

Paper - III : Ophthalmology related to
General Medicine & Surgery

Time : Hours]

[Total Marks :

Instruction :

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fillup strictly the details of signs on your answer book.

Name of the Examination :

M. S. (Ophthalmology)

Name of the Subject :

Paper - III : Ophthalmology related to General Medicine & Surgery

Subject Code No. :

2 0 0 6 1 0 0 5 0 1 0 3 0 0 0 1

Section No. (1, 2,.....) : NIL

Seat No. :

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Student's Signature

- 1 Describe pathogenesis, Clinical features and management of ROP. 25
- 2 How will you suspect, investigate and treat a case of preclinical Keratoconus. 25
- 3 Write Short notes on : 12+13
 - (a) Intermittent exotropia
 - (b) Clinical features and management of Retionblastoma
- 4 Write Short notes on: 8+8+9
 - (a) Cherry red spot at macula
 - (b) VKH syndrome
 - (c) Eye in Neurofibromatosis.



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M. S. (Ophthalmology) Examination

April - 2022

Paper - IV : Recent Advances in Ophthalmology

Time : Hours]

[Total Marks :

Instruction :

नीचे दशांवेक निशानीवाणी विगतो उत्तरवडी पर अवश्य लखवी.
Fillup strictly the details of signs on your answer book.

Name of the Examination :
M. S. (Ophthalmology)

Name of the Subject :
Paper - IV : Recent Advances in Ophthalmology

Subject Code No. : Section No. (1, 2,.....) : NIL

2 0 0 6 1 0 0 5 0 1 0 4 0 0 0 1

Seat No. :

Student's Signature

- 1 Describe the property of various intraocular gases used in vitro-retinal surgeries. What are their indications and complications. **25**
- 2 Classify the various non penetrating glaucoma surgeries what are their indications, advantages and disadvantages over conventional glaucoma surgeries. **25**
- 3 Write Short notes on : **12+13**
 - (a) Balloon Assited lacrimal surgery.
 - (b) Implants used for orbital reconstruction .
- 4 Write Short notes on : **12+13**
 - (a) DMEK.
 - (b) OCT angiography.