

Aug-2026

**BLDE (DEEMED TO BE UNIVERSITY)
POST GRADUATE DEGREE EXAMINATION**

[Time: 3 Hours]

[Max. Marks: 100]

**MS OPHTHALMOLOGY – PAPER - I
QP CODE: 5033**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. Describe the visual pathway in detail and discuss lesions at different levels with clinical correlations.
2. Explain the principles of optics relevant to ophthalmology, including image formation, refractive errors, and corrective measures.

Short Essay

6x10=60 Marks

3. Extraocular muscles: anatomy and actions.
4. Physiology of tear film and lacrimal secretion.
5. Ocular immunology and hypersensitivity reactions.
6. Pharmacology of anti-glaucoma drugs.
7. Slit lamp biomicroscopy: principle and uses.
8. Basics of ocular genetics and inherited eye diseases.

19/08

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[Time: 3 Hours]

[Max. Marks: 100]

**MS OPHTHALMOLOGY – PAPER - II
QP CODE: 5034**

Your answer should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
Each answer should be written on new page only.
Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. Discuss uveitis in detail, including classification, systemic associations, complications, and management.
2. Explain the clinical evaluation of a patient with optic nerve disorders, including papilledema and optic atrophy.

Short Essay

6x10=60 Marks

3. Chalazion and hordeolum – differences and management.
4. Dry eye disease: etiology and treatment.
5. Keratoconus: clinical features and management.
6. Diabetic retinopathy: classification and fundus picture.
7. Glaucoma in pediatric patients.
8. Retinopathy of prematurity: screening and prevention.

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**MS OPHTHALMOLOGY – PAPER - III
QP CODE: 5035**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. Discuss neuro-ophthalmological evaluation of diplopia, including causes, clinical examination, and management.
2. Describe the ocular manifestations of systemic hypertension, including classification, complications, and management.

Short Essay

6x10=60 Marks

3. Optic neuritis: etiology and clinical features.
4. Chiasmal lesions and their visual field defects.
5. Ocular manifestations of tuberculosis.
6. Myasthenia gravis and its ocular involvement.
7. Internuclear ophthalmoplegia.
8. Fundus changes in anemia.

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[Max. Marks: 100]

**MS OPHTHALMOLOGY – PAPER - IV
QP CODE: 5036**

Your answer should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Each answer should be written on new page only.

Write Question No. in the middle of the page.

Long Essay

2x20=40 Marks

1. Discuss the evaluation and management of ocular trauma, including classification, emergency care, and prevention of complications.
2. Describe the recent advances in cataract surgery, comparing manual small incision cataract surgery, phacoemulsification, and newer intraocular lens implantation.

Short Essay

6x10=60 Marks

3. Chemical injuries of the eye: grading and management.
4. Principles of asepsis in ophthalmic surgery.
5. National programs for prevention of blindness.
6. Steps in conducting ophthalmic research.
7. Lasers in ophthalmology – types and uses.
8. Newer antibiotics, antifungal, and antiviral drugs in ophthalmology.