

June - 2020

**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 left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Draw a well labeled diagram of anatomy of visual pathway. Discuss the pathological lesions at different levels.
2. Draw a well labeled diagram of histological section of cornea. Discuss the anatomical and physiological factors maintaining the transparency of cornea

**Short Essay**

**(6x10=60 Marks)**

3. Colour Vision ( theories, types and various tests)
4. Pathological Myopia (definition ,clinical features, management and complications)
5. Discuss advantages and disadvantages of various gonioscopy lenses.  
Write grading of angle of anterior chamber.
6. Cyclosporin ( pharmacological action ,dosages and indications in ophthalmology)
7. Write in brief the anatomy, nerve supply and functions of extraocular muscles. Discuss applied anatomy.
8. Draw a well labelled diagram of superior orbital fissure. Discuss the applied anatomy.

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**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 left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Discuss the etiology, clinical feature and management of corneal ulcer, add a note on fungial stains
2. Discuss the various types of contact lenses add a note on complications of using contact lens

**Short Essay**

**(6x10=60 Marks)**

3. Snellen's vision box and near vision charts
4. Metabolic cataracts
5. Tear substituents
6. Cytomegalovirus
7. Discuss the various anti glaucoma surgeries
8. Myasthenia gravis

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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 left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Discuss the etiology clinical features and management of optic neuritis .write a note on the role of MRI in optic nerve disorders
2. Age related macular degeneration and its management

**Short Essay**

**(6x10=60 Marks)**

3. Sarcoidosis
4. Lasers used in diabetic retinopathy
5. Low vision devices
6. Evaluation of a case of concomitant squint
7. Acute retinal necrosis (ARN) syndrome
8. Retinopathy of prematurity

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**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 left side of margin.

**Long Essay**

**(2x20=40 Marks)**

1. Discuss the clinical features, classification, and management of a case of chemical burns. Discuss its complications.
2. Discuss the various surgical procedures for chronic dacryocystitis in adults and write the recent advances.

**Short Essay**

**(6x10=60 Marks)**

3. Multifocal IOLs (types, advantages and disadvantages).
4. Impression cytology.
5. Discuss causes, evaluation and management of a case of shallow anterior chamber after cataract extraction surgery.
6. Describe in detail the diagnosis and recent management of diabetic retinopathy.
7. Discuss various methods of corneal preservation.
8. Recent advances in the diagnosis of glaucoma.