

April-2022

**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. Discuss about theories of accommodation and it's anomalies
2. Describe anatomy and physiology of lens

Short Essay

(6x10=60 Marks)

3. Slit lamp biomicroscopy
4. Viscoelastic substances
5. Sterilization of ophthalmic instruments
6. Atropine
7. HLA in ophthalmology
8. Drug delivery systems in ophthalmology

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[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 left side of margin.

Long Essay

(2x20=40 Marks)

1. Define and classify uveitis. Add a note on management of acute anterior uveitis. (5 + 5 + 10)
2. Define buphthalmos and discuss the clinical features and management of the same. (5 + 5 + 10)

Short Essay

(6x10=60 Marks)

3. Retinitis pigmentosa.
4. Filamentary keratopathy.
5. Tests for concomitant strabismus.
6. Discuss the structure of eye bank and add a note on corneal preservation media.
7. Various tests for color blindness.
8. Botox therapy in Ophthalmology.

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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. Describe ocular manifestations of Leprosy. Add note on management of eyelid

involvement in Leprosy.

2. Define gaze palsy. Discuss various forms of gaze palsy with their localization value.

Short Essay

(6x10=60 Marks)

3. Ocular manifestations of nutritional deficiency
4. Cavernous Sinus Thrombosis
5. Ocular signs and symptoms in pituitary tumours
6. Clinical features and management of Traumatic Optic neuropathy
7. Ophthalmoplegic Migraine
8. Management of Diabetic Retinopathy

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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. Role of CT and MRI in ophthalmology
2. Recent advances in the management of ARMD

Short Essay

(6x10=60 Marks)

3. Define low vision , low vision aids and rehabilitation
4. Recent advances in the management of keratoconus
5. BETSS classification of ocular trauma , posterior segment manifestations of ocular trauma
6. Recent advances in glaucoma surgery
7. Clinical features and recent advances in the management of post operative endophthalmitis
8. Classification of Retinoblastoma, recent advances in the management of retinoblastoma