

POST GRADUATE EXAMINATION, JANUARY-2025

**MS OPHTHALMOLOGY
(PAPER ONE)**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Describe development, anatomy & various congenital anomalies of lens. (20)

Q. 2. Discuss physiology of pupil and various causes and diagnosis of anisocoria. (20)

Q. 3. Describe briefly: (3 x 10 = 30)

- a. Role of anti-metabolite drugs in ophthalmology
- b. Pathogenesis of papilledema
- c. Diagrammatic representation of orbital apex

Q. 4. Write short notes on: (5 x 6 = 30)

- a. Visco-elastics
- b. Congenital anomalies of lacrimal system
- c. ERG
- d. Megalocornea
- e. Conjunctival impression cytology

X

POST GRADUATE EXAMINATION, JANUARY-2025

**MS OPHTHALMOLOGY
(PAPER TWO)**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

- Q. 1.** Describe various malignant tumors of lid and principle of management. (20)
- Q. 2.** Describe causes of proptosis upto 10 years of age. Discuss the clinical features, management of orbital cellulitis (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Corneodysgenesis in developmental glaucoma
 - b. Management of subluxated cataractous lens
 - c. Anterior ischaemic optic neuropathy
- Q. 4. Write short notes on:** (5 x 6 = 30)
- a. Capsular Contraction Syndrome
 - b. Ocular & systemic features of Rheumatoid Arthritis
 - c. Management of paralytic squint
 - d. Congenital optic atrophy
 - e. Early and late ocular features of head injury

X

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**MS OPHTHALMOLOGY
(PAPER THREE)**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss the ocular manifestations of HIV (20)

Q. 2. Enumerate the causes of Retinal Vascular Occlusions. Discuss the clinical features, management and long term prognosis of neovascular glaucoma (20)

Q. 3. Describe briefly: (3 x 10 = 30)

- a. Peripheral ulcerative keratitis and its systemic associations
- b. Ocular manifestations of tuberculosis
- c. Behcets disease

Q. 4. Write short notes on: (5 x 6 = 30)

- a. Blue sclera
- b. Dallen Fuch's Nodule
- c. Sjogren's syndrome
- d. Optic nerve involvement in Diabetes mellitus
- e. Sclerocornea

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POST GRADUATE EXAMINATION, JANUARY-2025

**MS OPHTHALMOLOGY
(PAPER FOUR)**

[Time allotted: Three hours]

[Max Marks: 100]

Note: Attempt all questions
Illustrate with suitable diagrams.

Q. 1. Discuss the role of OCT in Glaucoma (20)

Q. 2. Define Low vision. Classify and discuss various low vision aids including their optics. (20)

Q. 3. Describe briefly: (3 x 10 = 30)

- a. Types of contact lens & their uses
- b. Surgical options for correction of astigmatism in cataract surgery
- c. Specular microscopy

Q. 4. Write short notes on: (5 x 6 = 30)

- a. Genetics of retinoblastoma
- b. Anderson's criteria for glaucomatous field defect
- c. Angiography in diabetic retinopathy
- d. ReLEx Smile
- e. Role of CONSENT in Ophthalmic procedures

X