

26/05/2022

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Paper Code: MS-011

Enrollment No.

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**M.S. Ophthalmology
EXAMINATION, May 2022**

Paper First

Basic Sciences related to Ophthalmology, Refraction & Optics

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Write short notes on the following -

[10x3

- a. Anatomy of lacrimal drainage system
- b. Foveal avascular zone
- c. Anisometropia

2. Draw well labeled diagrams of the following -

[10x3

- a. Optics of slit lamp
- b. Blood supply of optic nerve
- c. Coronal section of Cavernous sinus

3. Write in brief about the following -

[10x4

- a. Physiology of binocular vision
- b. Formation of aqueous humor
- c. Myopia
- d. Corneal transparency

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Paper Code: MS-012

Enrollment No.

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**M.S. Ophthalmology
EXAMINATION, May 2022**

Paper Second

Clinical Ophthalmology

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw labeled diagrams and flow charts wherever required.

1. A 30-year-old male comes to you with history of accidental instillation of activated lime. Discuss the clinical features and management of this patient. [20]
2. A 22-year-old male patient reports to you with slowly progressive drooping of right upper lid for last 6 months. Discuss in detail the differential diagnosis and management of this patient. [20]
3. Write short notes on: [10x3]
 - a. Anterior Ischaemic Optic Neuropathy (AION)
 - b. Accommodative Esotropia
 - c. Marfan's syndrome
4. Describe briefly: [10x3]
 - a. Congenital Glaucoma
 - b. Pars Planitis
 - c. Management of rhegmatogenous retinal detachment

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Paper Code: MS-013

Enrollment No.

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**M.S. Ophthalmology
EXAMINATION, May 2022**

Paper Third

Systemic Diseases in Relation to Ophthalmology

Time: Three Hours]

[Maximum Marks: 100

Note: Attempt all questions. Draw well labeled diagrams wherever necessary.

1. Discuss the ocular manifestations and management of Proliferative Diabetic Retinopathy. [20]
2. Describe the etiology, features and management of Branch retinal vein occlusion. [20]
3. Discuss the clinical features and management of Ocular amyloidosis and lattice corneal dystrophy. [20]
4. Write short notes on - [10x4]
 - a. Granulomatous uveitis
 - b. Kayser Fleischer ring
 - c. Diabetic cataract
 - d. Ocular Myasthenia

Printed page (s): 1

Paper Code: MS-014

Enrollment No.

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**M.S. Ophthalmology
EXAMINATION, May 2022**

Paper Fourth

Recent Advances in Ophthalmology and Community Ophthalmology*Time: Three Hours]**[Maximum Marks: 100***Note: Attempt all questions. Draw well labeled diagrams & flow charts wherever necessary.**

1. In your opinion which is the two eye diseases are responsible for high prevalence of blindness in India and why? What community measures you want to take to control it? [5+5]
2. What do you understand by artificial intelligence? How it is affecting the present ophthalmology practice? What are the drawbacks of artificial intelligence in relation to acquiring clinical skills by an Ophthalmologist? [2+4+4]
3. Clinical stages of Orbital Mucormycosis? Discuss in brief Management of this. [3+5]
4. Write short note on - [12x6]
 - a. C3R
 - b. Role of stem cells in Corneal Diseases
 - c. Trifocal IOL
 - d. Nano technology in eye
 - e. Presbyopia Treatment
 - f. Recent anti viral drugs