

OPHTHALMOLOGY

PAPER – I

OPH/D/10/26/1

Time : 3 hours
Max. Marks : 100

Attempt all questions in order.
Each question carries 10 marks

Write short notes on:

1. Describe the modern management of Pterygium to prevent its recurrence.
2. Epidemic keratoconjunctivitis: aetiology, management and sequelae.
3. Role of stem cell in Ophthalmology.
4. Give indications for referring a patient of juvenile diabetes for ophthalmic check-up.
5. Write down modern histopathology classification of Retinoblastoma and give its clinical significance and effect on management.
6. What precaution you will take while operating a case of cataract in a Pseudo Exfoliation Syndrome by Phacoemulsification.
7. Write down modern classification of angle closure glaucoma and its relevance.
8. Write down posterior segment complication of blunt trauma which can affect vision.
9. Principles, procedure and pitfalls of auto-refraction.
10. Classify hypermetropia. How will you prescribe glasses in 20 years old male with hypermetropia.

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PAPER – II

Time : 3 hours
Max. Marks : 100

OPH/D/10/26/2

**Attempt all questions in order.
Each question carries 10 marks**

1. Write down modern management of posterior segment intraocular cysticercosis.
2. Write various methods for correction of myopia and their advantages and disadvantages.
3. Write down indications, contra indications, pharmacology, side effects of cycloplegics commonly used in Ophthalmology.
4. Name few intraocular steroid implants approved by FDA and mention its indications, contraindications and side effects.
5. Classify diabetic macular edema and methods to classify it and its clinical relevance
6. What is magnification achieved by indirect ophthalmoscopy and +90D biomicroscopy examination and discuss advantages and indications of both procedures.
7. Give classification, clinical work up and management of primary exodeviation.
8. Enumerate methods to prevent and treat keratoconus, giving indications of each method.
9. Give management of severe dry eye in a case of Steven Johnson Syndrome.
10. Dos and don'ts in the management of posterior dislocation of nucleus in Phaco surgery

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PAPER – III

Time : 3 hours
Max. Marks : 100

OPH/D/10/26/3

**Attempt all questions in order.
Each question carries 10 marks**

Write short notes on:

1. What are indications of Deep Anterior Lamellar Keratoplasty and enumerate various methods to do it.
2. Write down common post operative complication of trabeculectomy and how to manage it?
3. Management of unilateral congenital cataract in a 3 year old child and its postoperative rehabilitation.
4. Write down the advantages and disadvantages of various method of retinopexy like cryopexy and laser. Write down how you are going to do.
5. Clinical signs and management of Branch vein occlusions.
6. Enumerate orbital spaces. Write down common 4 tumors in the central space according to its frequency.
7. Write down anterior and posterior ciliary circulation and depict it by diagram
8. Indications and contra indications of intravitreal Avastin in Proliferative Diabetic Retinopathy (PDR)
9. How do you define A&V pattern in strabismus? How you will diagnose it and what is its clinical significance?
10. Management of neovascular glaucoma.

OPHTHALMOLOGY

PAPER – IV

Time : 3 hours
Max. Marks : 100

OPHTH/D/10/26/4

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:

1. Write down factors affecting drug penetration through cornea.
2. What is ERG? Mention various types of ERG and their uses in Ophthalmology.
3. Write down the prevalence of various forms of retinoblastoma. How will you counsel a parent with one child having a retinoblastoma
4. Write down constitution and functions of District Eye Relief Society as mentioned in National Program for Control of Blindness
5. Enumerate various methods of slit lamp examination and describe indications and procedures for specular reflection.
6. Role of Optical Coherence Tomography (OCT) in retinal disease diagnosis and management
7. Give important points while analyzing a given visual field for glaucoma and its limitations.
8. Describe signs and symptoms and management of pars planitis.
9. Various immuno suppressives used in resistant cases of posterior uveitis.
10. What is computer vision syndrome? Describe its causes and management.