

JUNE 2009

OPHTHALMOLOGY DNB QUESTIONS

**TIME: 3 HOURS
MAX. MARKS: 100**

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

Paper I

Write short notes on:

1. Write down clinical picture and management of epidemic keratoconjunctivitis.
2. Give clinical picture, complications and management of fungal corneal ulcer.
3. Investigations, etiology and management of a case of necrotizing scleritis.
4. Medical management of traumatic hyphema. Mention the indications of surgical intervention?
5. Describe MARINA & FOCUS Trails in the management of Wet ARMD
6. Describe pathological sequale of right lateral rectus muscle paralysis.
7. Write down management and complications of ischaemic central retinal vein occlusion.
8. Describe clinical picture, management and squal of sarcoid uveitis.
9. Screening of a case of retinopathy of prematurity.
10. How to assess vision in a preschool child

Paper II

Write short notes on:

1. Describe intraoperative and postoperative methods to reduce posterior capsule opacifications.
2. Describe indications and methods of pterygium surgery. How to prevent recurrence
3. Factors influencing sclerotomy, sites for vitrectomy.
4. Indications, procedures and complications of lateral orbitotomy.
5. Write down the clinical picture and management of congenital glaucoma.
6. Write short note on Fuch's heterochromic cyclitis
7. Write down the methods of prevention and management of pseudophakic bullous keratopathy.
8. Describe the recent methods for the treatment of keratoconus.
9. Write down acute management of alkali burns
10. Indications, contraindications and complications of phakic IOL in the management of high myopia.

Paper III

Write short notes on:

1. Clinical picture and management of congenital epiphora. Indication for surgical intervention
2. Clinical Picture of heredomacular degeneration and its mode of inheritance.

3. Differential diagnosis of malignant lid tumours.
4. Aetiology, clinical picture and management of NAION.
5. Role of glycosylated Hb, blood pressure and blood cholesterol in prevention and management of diabetic retinopathy.
6. Describe modern methods for the diagnosis and management of primary open angle glaucoma.
7. Classification and management of primary divergent squint.
8. Anatomical and functional prognostic factors in management of rhegmatogenous retinal detachment.
9. Indications, complications of intravitreal steroids.
10. Describe pharmacological properties, mechanism of action and side effects of antiviral drugs used in ophthalmology.

Paper IV

Write short notes on:

1. Describe posterior ciliary circulation
2. Write down factors facilitating penetration of drugs through cornea
3. Genetics and inheritance of retinoblastoma
4. Discuss in detail how to collect vitreous sample for microbiological studies in endophthalmitis
5. What are biological immunosuppressive. Name few of them, as used in management of uveitis
6. Draw optics of +90D biomicroscopy. How will you calculate the magnifications?
7. What are the pitfalls in autorefraction and how to correct them
8. Intraocular drug implants – principal, types, uses, disadvantages

9. Describe anatomy of angle of anterior chamber of eye
10. Describe normal attachment of vitreous.



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