

2010



DNB QUESTION PAPERS 2010, JUNE

Compiled by: Dr. Amar Choudhary

PAPER 1

1. Pathology of retinoblastoma
2. Physiology of aqueous humor production
3. Clinical features and management of acute graft rejection
4. Classification of management of dry eye
5. Various type of colour vision deficiency
6. Approach to a patient who presented with sudden decrease in vision associated with pain and redness after phacoemulsification
7. Various macular function test
8. Visual acuity testing in preschool children
9. Role of stem cell in ophthalmology
10. Various systemic disease affecting eye

PAPER 2

1. Various refractive procedures
2. Various vitreoretinal procedures
3. Management of corneoscleral perforation with iris prolapses in a 5 year old child after injury with bow and arrow during diwali.
4. Management of a case of pulmonary tuberculosis who developed sudden decrease of vision after one month of starting antitubercular therapy.
5. Role of various food supplement including antioxidants and vitamin A in ophthalmology
6. Method of assessment of macular thickness
7. Management of perforated corneal ulcer following bacterial keratitis
8. Method of examination of cornea
9. Various laser used in ophthalmology
10. Hypertensive retinopathy

PAPER 3

1. Management of rhegmatogenous retinal detachment
2. Management of penetrating ocular injury
3. Retinopathy of prematurity
4. Management of keratoconus
5. Surgical technique of pterygium excision
6. Management of unilateral congenital cataract
7. Management of a case with florid neovascularisation of the iris, dense cataract, IOP=42 mm hg, visual acuity 3/60 and proliferative diabetic retinopathy
8. Differential diagnosis of proptosis in children
9. Management of exodeviation
10. Intravitreal injection

PAPER 4

1. Principle, optics and clinical application of Bagolini striated glass
2. Mechanism of accommodation and clinical accommodative problems.
3. Describe schematic and reduced eye with help of diagrams.
4. Draw a diagram of visual pathway and show visual defects in craniopharyngioma and occipital lobe lesion
5. Describe the role of computer in ophthalmology. Enumerate the various methods to enhance visibility for patient with low vision.
6. Describe low and high order aberration and mention the role of wave front analysis in LASIK
7. Cyclosporine- mechanism of action and clinical use in ophthalmology
8. What are immunosuppressive agents? Give broad classification and enumerate their clinical indication in ophthalmology.
9. Anterior chamber associated immune device (ACAID) - definition, mechanism and its useful effect.
10. Describe the mechanism of action, indication, contraindication and adverse effect of Botulinum toxin injection with specific relation to ophthalmology.

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