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Paper II

Part I :- General Subject

1. Apex body in eye care: Composition, Formation and its role in prevention of blindness
2. Vision 2020: Right to Sight: Its aims and objective
3. Human Organ transplantation act, 2005
4. Blindness: Global, regional and National scenario
5. National vitamin 'A' Programme
6. Trachoma Control Programme
7. Role of Paramedical personnel, School teacher and Community participation in prevention of blindness
8. International agencies in prevention of blindness in Global and National region
9. Malpractice and Medical negligence
10. Hospital management
11. Epidemiology of non communicable diseases
12. Health Sector Reform and Millennium Development Goals

Part II :- Technical Subject

1. Orbit and Lid
 - a. Orbital fractures
 - b. Orbital tumors
 - c. Proptosis
 - d. Ptosis
2. Cataract
 - a. Evaluation of congenital/pediatric cataract and their management
 - b. Recent trends in cataract surgeries
3. Glaucoma
 - a. Pathogenesis and management: Medical and Surgical of all types of glaucoma including congenital glaucomas and laser glaucoma Surgeries
4. General Medicine: Inter-relation to ophthalmology
 - a. Nutritional deficiencies
 - b. Metabolic disorders
 - c. Demyolinating diseases
 - d. Hypertension
 - e. Diabetes
 - f. Thyroid disease

- g. Connective tissue diseases
 - h. AIDS
 - i. Leukemias
 - j. Retinal vasculitis
 - k. Retinopathies of pre-maturity
 - l. Retinopathies in toxemias in Pregnancy
5. Neuro-Ophthalmology
- a. Anatomy of visual pathway
 - b. Neurophysiology of visual function
 - c. Optic Neuritis
 - d. Papilloedema
 - e. Optic Nerve tumors
 - f. Disorder of cranial nerves
 - g. Color vision
6. Investigation Ophthalmology
- a. X-ray orbit
 - b. USG
 - c. Fluoresce in Angiography
 - d. CT Scan
 - e. MRI
 - f. ERG
 - g. EOG
 - h. UER
7. Optics and Refraction
- a. Contact Lenses
 - b. Refractive Surgeries
8. Strabismus
- a. Evaluation and management of strabismus and its Surgeries including myopias
9. Microbial & parasitic infections of eye and their management
10. Prevention & management of eye trauma
11. Effects of High altitude on eye
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