

लोक सेवा आयोग  
नेपाल स्वास्थ्य सेवा, अण्ड्यल्लोलोजी समूह, ँघरौं (११) तहको खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको  
पाठ्यक्रम

**Paper 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. Demyelinating 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

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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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