

01395

**B.Sc. (HONS) IN OPTOMETRY AND  
OPHTHALMIC TECHNIQUES**

**Term-End Examination**

**June, 2012**

**BOS-014 : OPTOMETRY FOR SPECIFIC GROUPS**

*Time : 3 Hours*

*Maximum Marks : 70*

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*Note : Answer any seven questions.*

*Each question carries Ten Marks.*

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1. Describe the structural changes occurring in Cornea and Conjunctiva during ageing.
2. Explain different types of methods of objective refraction in Pediatric cases.
3. (a) Define Glaucoma. How you will diagnose a case of glaucoma ?  
(b) Differentiate between open angle and angle-closure glaucoma.
4. Describe the development of crystalline lens with the help of diagrams.

5. Explain the role of an optometrist in occupational health.
  6. Explain management of vision problems in older adults.
  7. Describe visual acuity testing in different age groups of children.
  8. What are ocular hazards? Explain the mechanical and non - mechanical ocular hazards with examples.
  9. Describe the parameters essential for visual task analysis.
  10. Write short notes on :
    - (a) Retinopathy of prematurity
    - (b) Posterior sub - capsular cataract.
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