

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

**Term-End Examination**

**December, 2017**

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

*Time : 3 hours*

*Maximum Marks : 70*

**PART - A**

Attempt any four questions. Each question carries

Ten marks.

**10x4=40**

1. Explain about various anatomical changes occurring in cornea during aging.
2. What is Diabetic Retinopathy (DR) ? How Proliferative Diabetic Retinopathy (PDR) is different from Non-Proliferative Diabetic Retinopathy (NPDR) ?
3. Describe various tests used for measuring visual acuity in children.
4. Explain the etiology, evaluation and management of Micro-ophthalmos.
5. (a) Describe in brief about the Indian occupational Health bodies.  
(b) Discuss the role of optometrist in occupational health.

6. What is visual task analysis ? Describe the parameters required for this analysis.

**PART - B**

7. Write short notes on any six of the following.

Each carries five marks.

**6x5=30**

- (a) Nuclear Cataract.
  - (b) Open Angle Glaucoma.
  - (c) Frame requirements in old age.
  - (d) Development of Crystalline lens.
  - (e) Modified Krimsky test.
  - (f) Static retinoscopy in children.
  - (g) I.L.O.
  - (h) Mechanical Ocular hazards.
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