

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

**Term-End Examination**

**December, 2013**

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

*Time : 3 hours*

*Maximum Marks : 70*

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**PART - A**

Attempt *any four* questions. Each question carries  
ten marks : 4x10=40

1. Define diabetes mellitus and its types. Describe the pathology of diabetic retinopathy.
2. Describe the physiological changes occurring in human eye in old age.
3. Describe development of eye from primitive tissue to the stage of optic vesicle.
4. Describe different steps of orthoptic assessment in children.
5. Explain considerations for spectacle dispensing in old age.
6. Describe in brief types of occupational Hazards and their safety measures.

## PART - B

7. Write short notes on **any six** of the following. Each short note carries **five** marks : **6x5=30**
- (a) Congenital cataract.
  - (b) COPD
  - (c) Cycloplegic drugs.
  - (d) Congenital glaucoma.
  - (e) Occupational Health Hygiene.
  - (f) Albinism.
  - (g) Chemical injury.
  - (h) History taking in children.
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