

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

Term-End Examination

December, 2014

BOS-014 : OPTOMETRY FOR SPECIFIC GROUPS

Time : 3 hours

Maximum Marks : 70

Note : Answer *any 7 (Seven)* questions. Each question carries **10 (Ten)** marks

1. Explain in detail about the various eye diseases in older adults.
2. (a) Define Diabetic Retinopathy (DR). Explain various risk factors of DR.
(b) Differentiate between non-proliferative DR and proliferative DR.
3. Describe the development of cornea and sclera in human eye.
4. Explain the procedure of cycloplegic refraction in children.
5. Differentiate between objective and subjective refraction.

6. (a) Describe the aetiology of congenital cataract.
(b) Explain about its evaluation and management.
 7. Explain the objectives and functions of International Labour Organisation (ILO).
 8. Explain various types of eye protection methods.
 9. Describe briefly the various types of industrial eye check-ups.
 10. Write short notes on :
 - (a) 4.Dioptre base-out prism test.
 - (b) Spectacle dispensing in children.
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