

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

Term-End Examination

December, 2015

00171

BOS-014 : OPTOMETRY FOR SPECIFIC GROUPS

Time : 3 hours

Maximum Marks : 70

PART - A

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

1. Explain various anatomical changes occurring in conjunctiva during ageing.
2. What is hypertension ? Describe the changes in the eye of hypertensive patient.
3. Explain the embryology of the crystalline lens.
4. Describe the etiology, evaluation and management of congenital cataract.
5. Explain the industrial vision screening with suitable examples.
6. Discuss the various non-mechanical ocular hazards with examples.

PART - B

7. Write short notes on **any six** of the following. Each carries **five** marks. **6x5=30**

- (a) Dry AMD
 - (b) Polar cataract
 - (c) Vision standards for Railways and Airlines professionals
 - (d) Preferential looking tests
 - (e) Static retinoscopy in children
 - (f) Preventive and Protective methods of occupational Hazards
 - (g) Coloboma
 - (h) Spectacle dispensing in children
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