

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

Term-End Examination

June, 2013

BOS-014 : OPTOMETRY FOR SPECIFIC GROUPS

Time : 3 Hours

Maximum Marks : 70

PART- A

Attempt *any four* questions. Each question carries

10 marks :

10x4=40

1. Define Hypertension. Describe hypertension retinopathy and its clinical features.
2. Describe the structural changes occur in the conjunctiva, cornea, crystalline lens, lids in old age.
3. Describe development of visual acuity , contrast sensitivity and various components of binocular vision.
4. Enlist the important steps of history taking in paediatric ophthalmic evaluation. Explain visual acuity assessment in different paediatric age groups.

5. Enlist various types of objective refraction procedures which can be performed in a paediatric patient. Explain the procedure of static and dynamic retinoscopy.

6. What is the aim of industrial vision screening ? Describe various steps of industrial eye check up.

PART - B

7. Write short notes on *any six* of the following.
Each short note carries *five* marks. 5x6=30
- (a) Retinopathy of prematurity
 - (b) Acute myocardial infarction
 - (c) Cycloplegic refraction its indications, advantages and disadvantages.
 - (d) Stages of development of optic vesicle
 - (e) Arcus Senilis
 - (f) C O P D
 - (g) Stroke
 - (h) Ideal frame for children
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