

**B.Sc. (Hons.) IN OPTOMETRY AND
OPHTHALMIC TECHNIQUES (BSCHOT)**

Term-End Examination

June, 2016

BOS-012 : LOW VISION

Time : 3 hours

Maximum Marks : 70

*Note : This paper contains two parts. Attempt **both** parts.*

PART A

*Answer any **three** questions. Each question carries*

10 marks :

3×10=30

1. What are the problems in children with low vision ? Differentiate between vision impairment and handicap.
2. A telescope is composed of a + 10·00D object and a – 40·00D ocular lens. The system is focused for infinity by an emmetropic patient. Determine the following :
 - (a) Magnification of the telescope
 - (b) The type of telescope
 - (c) The tube length (lens separation) of the telescope

3. What are the factors that affect the Visual Acuity (VA) ? Explain about the choice of tests for testing the VA in low vision patients.

4. What do you understand by non-optical devices ? Explain in brief about five non-optical devices.

PART B

Write short notes on any **eight** of the following. Each carries 5 marks :

8×5=40

5. (a) Albinism
(b) Angular Magnification
(c) Bailey-Lovie LogMAR Chart
(d) Hand-held Magnifier
(e) CCTV
(f) Ocular disorders causing loss of central field
(g) Low Vision Counselling
(h) Keplerian Telescope
(i) Retinoscopy in low vision patients
(j) Reverse CL-Telescopic System
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