

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

Term-End Examination

December, 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 is the WHO's working definition of Low Vision ? Differentiate between visual disorder and disability.

2. A telescope is composed of a + 20.00 D objective lens and a + 50.00 D ocular lens. The system is focussed for infinity by an emmetropic patient. Determine the following :
 - (a) The magnification of the telescope
 - (b) The type of the telescope
 - (c) The tube-length (lens separation) of the telescope

3. List the various low vision devices for near. Differentiate between stand magnifier and hand-held magnifier.
4. Explain the importance and need of counselling in low vision patients.

PART B

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

8×5=40

- 5.**
- (a) Subluxated Lens
 - (b) Linear Magnification
 - (c) Colour Vision
 - (d) Spectacle Magnification
 - (e) Talking Books
 - (f) Ocular Disorders Causing Loss of Peripheral Field
 - (g) Rehabilitation of Low Vision Patients
 - (h) Galilean Telescope
 - (i) Significance of Field Testing in Low Vision Patients
 - (j) Pin-hole Spectacles
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