

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

Term-End Examination

00693

June, 2019

BOS-012 : LOW VISION

Time : 3 hours

Maximum Marks : 70

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

PART A

*Attempt any three questions. Each question carries
10 marks.*

3×10=30

1. What are the causes of low vision ? Differentiate between disorder and disability.
2. Enlist various optical devices for distance and near. Explain briefly about the optics and patient instructions for using the telescopes.

3. A 15-year-old college going student is having albinism with specs.

$$R_x :- R/E - 7.00/-1.50 DC \times 170^\circ - 6/36$$

$$L/E - 6.25/-1.75 DC \times 180^\circ - 6/24$$

Explain briefly about his low vision workup and management.

4. What are the various electronic low vision devices ? Describe in brief about any one of them.

PART B

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

8×5=40

- 5. (a) Spectacle Magnifier**
 - (b) Pelli Robson Chart**
 - (c) Rehabilitation of the Visually Impaired**
 - (d) Chief Complaints of Low Vision Patient with Peripheral Field Loss**
 - (e) Special Considerations During Retinoscopy of Low Vision Patient**
 - (f) Ishihara Colour Vision Plates**
 - (g) Charts for Visual-Acuity Assessment**
 - (h) ARMD**
 - (i) Visual Field Expanders**
 - (j) Absorptive Lenses**
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