

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

Term-End Examination

June, 2013

BOS-012 : LOW VISION

Time : 3 Hours

Maximum Marks : 70

SECTION - A

Attempt *any three* questions. Each carries 10 marks : 3x10=30

1. Define low vision. Differentiate between disorder and disability. Name four common conditions leading to low vision.
2. Define magnification. How is magnification calculated for distance and near ? Explain with examples.
3. Write down the complaints and management of the following disorders from the view of low vision assessment and prescription.
 - (a) ARMD - Age Related Macular Degeneration
 - (b) Retinitis Pigmentosa
 - (c) Glaucoma
4. Telescopes are optical devices prescribed as low vision device for distance. What are the common indications, advantages and disadvantages of telescopes ? What are the instructions given while dispensing the Telescopes ?

SECTION - B

5. Write short note on *any eight*. Each carries 5 marks. 8x5=40
- (a) Hand magnifier
 - (b) Stand magnifier
 - (c) Spectacle magnifier
 - (d) Electrooptical devices
 - (e) Non optical devices
 - (f) Reverse Telescopic system
 - (g) Key points of low vision case history
 - (h) Visual acuity testing in low vision patients
 - (i) Investigations done for low vision patient and the name of the instruments.
 - (j) Low vision Rehabilitation
-