

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

Term-End Examination

June, 2011

BOS-012 : LOW VISION

Time : 3 hours

Maximum Marks : 70

PART - A

Attempt *any four* questions from Part A. Each question carries **10** marks : **4x10=40**

1. Describe the calculation of the expected magnification required for low vision device for distance.
2. Explain LVA for near, their uses advantages and disadvantages.
3. Give complete work up, evaluation and selection with prescription of LVA in a case of retinitis pigmentosa in a young male.
4. (a) Enlist the various types of field defects seen in low vision.
(b) Explain the significance of testing field of vision in low vision patients.
5. Describe in detail the steps involved in history taking of a low vision patient.

PART - B

Attempt *any six* questions from Part B. Each carries *five* marks :

6x5=30

6. What is the difference between a Galilean and Kaplerian Telescope'.
 7. Define low vision. Write the different categories of low vision according to WHO.
 8. Write in brief on Rehabilitation services for blind in India.
 9. Write down the instructions given to the patient for using the spectacle magnifiers.
 10. Explain various electro optical devices with the help of few examples.
 11. Describe non-optical low vision AIDS.
 12. Describe the procedure of recording visual acuity in low vision patient.
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