

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

Term-End Examination

December, 2010

BOS-012 : LOW VISION

Time : 3 hours

Maximum Marks : 70

PART - A

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

1. Enlist common eye disorders leading to low vision. Describe problems and management of any two disorders.
2. Define low vision. Describe the different categories of low vision.
3. Describe commonly used Non-Optical Devices.
4. A Telescope is composed of a +20D objective lens and a -40D ocular lens. The system is focused for infinity by an emmetropic patient, determine the following
 - (a) The magnification of telescope.
 - (b) The type of telescope.
 - (c) The tube length.
5. Enlist the near low vision devices. Explain in brief the advantages and disadvantages of each.

PART - B

Attempt *any four* questions. Each carries five marks :

4x5=20

6. Describe in brief about 'Talking Books'.
7. Write down the disadvantages of magnification.
8. If a lens gives magnification of three times. What will be the power of the lens?
9. Describe brief the devices used for the control of glare.
10. In a telescope, power of objective lens is +10D and ocular lens is -30D. Calculate the tube length of telescope.

PART - C

Attempt *any five* questions. Each carries
two marks : 5x2=10

11. Define Economic Blindness.
 12. Describe Reading stand and its uses.
 13. Describe Confrontation Test.
 14. Describe the pin-hole spectacles.
 15. Define Contrast Sensitivity.
 16. Enlist the types of near visual acuity charts.
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