

BACHELOR OF OPTOMETRY (B.OPTOM)
SEMESTER -IV EXAMINATION, JUNE-2026

(BOPT403) LOW VISUAL AIDS

[Time allotted: Three Hours]

[Max Marks: 100]

Note: Read all the instructions carefully

Answer all questions in serial order. Draw suitable diagrams wherever necessary

Q. 1. Objective type questions: (Attempt All)

(10 x 02 = 20)

(Very short/ short answer/ MCQ/ One liners/ Fill in the blanks/ True/False)

- a. Name the low vision devices. (PO1,3,4 & CO3,4)
- b. What is low vision rehabilitation? (PO1,3,4,5 & CO3,4)
- c. Define the contrast sensitivity in low vision. (PO1,3,4,5 & CO3,4)
- d. The eye is tested first for low vision patients. (PO1,3,4,5 & CO3,4)
- e. Retinoscopy is done usingaperture lenses for low vision patients. (PO1,3,4,5 & CO3,4)
- f. What is epidemiology? (PO1,3,4 & CO3,4)
- g. What is the difference between visual disorder & visual impairment? (PO1,3,4 & CO3,4)
- h. A person whose vision is restricted to an area of 20 degrees or less is considered: (PO1,3,4,5 & CO3,4)
 - i. Legal blind
 - ii. Social blind
 - iii. Total blind
 - iv. Economic blind
- i. Field loss in ARMD: (PO1,3,4,5 & CO3,4)
 - i. Peripheral
 - ii. Central
 - iii. Overall
 - iv. All of the above
- j. Magnifiers are used for near tasks in low vision patients. (True/False) (PO1,3,4 & CO3,4)

Q. 2. Short notes/ Short answer type questions (Attempt any Five)

(05 x 04 = 20)

- a. Write a short note on the identifying characteristics of blindness in school children. (PO1,3,4,5 & CO3,4)
- b. Write a short note on the counselling in low vision patients. (PO1,3,4,5 & CO3,4)
- c. Write about types of glare in low vision. (PO1,3,4,5 & CO3,4)
- d. Write a short note on history taking in low vision patients. (PO1,3,4,5 & CO3,4)
- e. How will you do refraction in low vision patients? (PO1,3,4,5 & CO3,4)
- f. Write a short note on WHO classification of blindness. (PO1,3,4,5 & CO3,4)
- g. Write a short note on types of amsler grid chart. (PO1,3,4,5 & CO3,4)

Q. 3. Structured questions (Attempt any Three)

(03 x 10 = 30)

- a. Explain refractive error in low vision. (PO1,3,4,5 & CO3,4)
- b. Explain blindness. (PO1,3,4,5 & CO3,4)
- c. What are the special low vision charts for distance & near? (PO1,3,4,5 & CO3,4)
- d. Explain categories of low vision. (PO1,3,4,5 & CO3,4)

Q. 4. Long Answer/ Essay type questions (Attempt any Two)

(02 x 15 = 30)

- a. Describe in detail the clinical evaluation of low vision patients. (PO1,3,4,5 & CO3,4)
- b. Enumerate common disorders leading to low vision & its field loss. (PO1,3,4,5 & CO3,4)
- c. Describe the assessment of functional vision loss. (PO1,3,4,5 & CO3,4)