

**BACHELOR OF OPTOMETRY (B.OPTOM)**  
**SEMESTER -IV EXAMINATION, JUNE-2026**  
**(BOPT402) CLINICAL ORTHOPTICS**

**(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)

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|-------------------------------------------------|-------------|
| a. What are the Uniocular movements?            | (PO1 & CO1) |
| b. What is accommodation?                       | (PO1 & CO2) |
| c. Full form SMP.                               | (PO3 & CO3) |
| d. NPA is measured by:                          | (PO1 & CO1) |
| i. RAF ruler                                    |             |
| ii. Fogging                                     |             |
| iii. WFDT                                       |             |
| iv. None of the above                           |             |
| e. Principal of Maddox rode.                    | (PO1 & CO3) |
| f. ARC is motor adaptation <b>(True/ False)</b> | (PO1 & CO1) |
| g. Name the test for stereopsis.                | (PO1 & CO4) |
| h. Normal range of AC/A ratio is.....           | (PO5 & CO2) |
| i. Name the grade of binocular single vision.   | (PO4 & CO2) |
| j. What is NRA and PRA?                         | (PO1 & CO1) |

**Q. 2. Short notes/ Short answer type questions (Attempt any Five)****(05 x 04 = 20)**

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|-------------------------------------------------|-------------|
| a. Explain history tacking in orthoptics.       | (PO1 & CO1) |
| b. Describe Maddox wing test and its procedure. | (PO2 & CO3) |
| c. What is FDT and FGT in squint?               | (PO3 & CO2) |
| d. Explain exotropia and its type.              | (PO3 & CO4) |
| e. Describe the cover test and its types        | (PO5 & CO1) |
| f. What is PBCT and its procedure?              | (PO5 & CO1) |
| g. Explain Maddox rod test.                     | (PO2 & CO1) |

**Q. 3. Structured questions (Attempt any Three)****(03 x 10 = 30)**

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|-------------------------------------------------|-------------|
| a. Describe types of corneal reflex test.       | (PO1 & CO1) |
| b. Explain diplopia charting and its technique. | (PO4 & CO2) |
| c. Describe the vertical deviation.             | (PO1 & CO3) |
| d. Describe concomitant strabismus.             | (PO4 & CO3) |

**Q. 4. Long Answer/ Essay type questions (Attempt any Two)****(02 x 15 = 30)**

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|-------------------------------------------------------------|-------------|
| a. Explain therapeutic and diagnostic uses of synaptophore. | (PO1 & CO3) |
| b. Describe all types of amblyopia and its management       | (PO1 & CO3) |
| c. Explain all special test use for squint patient          | (PO5 & CO2) |