

**BACHELOR OF OPTOMETRY (B. OPTOM)**  
**SEMESTER -II EXAMINATION, JUNE-2026**  
**(BOPT203) BASIC 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)

- a. Length of superior oblique muscles: (PO4,CO1)
  - i. 40 mm
  - ii. 35mm
  - iii. 30mm
  - iv. 60mm
- b. Insertion distance Frome limbus of MR: (PO4,CO1)
  - i. 5.5mm
  - ii. 6.5 mmm
  - iii. 7.5 mm
  - iv. None of the above
- c. Write the uses of red-green filter. (PO1,CO5)
- d. Full form of NPC (PO4,CO2)
- e. Insertion of inferior oblique ..... (PO4,CO1)
- f. Shortest EOM muscle is ..... (PO4,CO1)
- g. Test for diplopia: (PO2,CO5)
  - i. WFDT
  - ii. 4 prism base out test
  - iii. After image test
  - iv. None of the above
- h. Action of medial rectus muscles is abduction. ( **TRUE/ FALSE** ) (PO4,CO1)
- i. Name the binocular eye movements. (PO4,CO1)
- j. What is accommodation? (PO4,CO2)

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

- a. Write a short note on superior oblique muscle. (PO4,CO1)
- b. What is convergence and its types? (PO4,CO2)
- c. Write a short note on grades of binocular vision. (PO4,CO2)
- d. What is Stereopsis? (PO4,CO2)
- e. Write the classification of squint. (PO4,CO3)
- f. Write a short note on uniocular movements. (PO4,CO2)
- g. Write a short note on hering's law and sherrington's law. (PO4,CO2)

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

- a. Explain the cardinal and diagnostic position of gaze with diagram. (PO4,CO3)
- b. Explain extraocular muscles, origin, insertion and its actions. (PO4,CO3)
- c. Explain suppression, types and its management. (PO2,CO2)
- d. Explain asthenopia, clinical features and its management.

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

- a. Describe the abnormal retinal correspondence. (PO2,CO2)
- b. Describe anomalies of accommodation and its management. (PO2,CO2)
- c. Describe the etiopathogenesis of strabismus. (PO4,CO2)