

**School of Medical and Allied Sciences**

**Bachelor of Optometry  
Semester End Examination - Jun 2024**

**Duration : 180 Minutes  
Max Marks : 100**

**Sem IV - L1UA402T - BOPT4002 - Visual Optics-II***General Instructions**Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

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|-----|---|--------|
| 1)  | Show the importance of Accommodation  | K1(2)  |
| 2)  | Explain the function of the fixed astigmatic dial.  | K2(4)  |
| 3)  | Give an outline on how does accommodation vary with age, and what physiological changes contribute to this variation?                     | K2(6)  |
| 4)  | choose to talk about the anomalies of convergence.  | K3(9)  |
| 5)  | Illusrate the assessment of convergence anomalies   | K3(9)  |
| 6)  | Evaluate different accommodation anomalies and their impact on visual comfort and performance.  | K5(10) |
| 7)  | Compare and contrast the techniques of binocular refraction using a fixed astigmatic dial versus a combination of fixed and rotator dial. | K4(12) |
| 8)  | Assess different measurement methods of accommodation amplitude & NPA , Also talk about lead & lag of accommodation                       | K5(15) |
| 9)  | Evaluate the significance of incorporating binocular balancing techniques in subjective refraction procedures.                            | K5(15) |
| 10) | Discuss Accommodation, Mechanism, Near point, far point, measurement methods  | K6(18) |