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School of Medical and Allied Sciences

Bachelor of Optometry

Mid Term Examination - May 2024

Duration : 90 Minutes

Max Marks : 50

Sem IV - L1UA402T - Visual Optics-IIGeneral 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*

- 1) Give an outline of Nott Retinoscopy K2 (2)
- 2) What is depth of focus? K1 (3)
- 3) Describe the mechanisms by which anomalies in convergence can affect visual perception and comfort K2 (4)
- 4) Explain the relationship between accommodation and convergence. K2 (6)
- 5) Apply the mechanism of accommodation to explain presbyopia. K3 (6)
- 6) How do clinicians measure convergence, and what tools are commonly used? K3 (9)
- 7) Examine the impact of convergence anomalies on visual comfort, fatigue, and overall productivity in various occupational settings. K4 (8)
- 8) Conclude the effectiveness of different diagnostic techniques in identifying anomalies of accommodation, such as presbyopia and hypermetropia. K4 (12)

OR

- Conclude management plan of different accommodation anomalies K4 (12)