

School of Medical and Allied Sciences

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

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

Sem II - L1UA202T - Ocular Physiology*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) | Identify the primary cause of glaucoma. | K1(2) |
| 2) | Why is the fovea centralis responsible for high-acuity vision? | K2(4) |
| 3) | Explain the photochemistry of vision. | K2(6) |
| 4) | Explain the photochemistry of vision in detail with the help of diagram. | K3(9) |
| 5) | Contrast the various layers of cornea with its functions with the help of diagram. | K3(9) |
| 6) | Summarize the procedure of visual acuity with its various steps. | K5(10) |
| 7) | Show the various layers of retina with the help of diagram. | K4(12) |
| 8) | 1.Discuss the various monocular clues for depth perception.
2.Contrast the advantages and disadvantages of BSV.
3.Contrast the abnormal binocular vision with anomalies of binocular vision | K5(15) |
| 9) | Contrast the grades of binocular vision with the help of diagram and differentiate between fusion and stereopsis. | K5(15) |
| 10) | Categorize the various types of ocular movements. | K6(18) |