

School of Medical and Allied Sciences

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

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

Sem II - L1UA205T - Ocular Biochemistry*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 structures of the outer fibrous coat. | K1(2) |
| 2) | Elaborate the function of aqueous humour. | K2(4) |
| 3) | Contrast the two major refracting surfaces of the human eye on the basis of location, structure and function. | K2(6) |
| 4) | Summarize the pathway for tear drainage in the eye along with a well labelled diagram. | K3(9) |
| 5) | Summarize the metabolism pathways in crystalline lens. | K3(9) |
| 6) | Interpret the lesions of visual pathway. | K5(10) |
| 7) | Appraise the 3 coats of eyeball and its structures and function in detail. | K4(12) |
| 8) | Summarize the biochemical composition of the lens. | K5(15) |
| 9) | Distinguish the primary, secondary and tertiary functions of various extraocular muscles with the help of a table. Identify the nerve supply of each of the extraocular muscles. | K5(15) |
| 10) | Summarize cornea and its layers. | K6(18) |