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**School of Medical and Allied Sciences**

Bachelor of Optometry

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

**Sem III - L1UA301T - Ocular Microbiology**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*

- 1) Classify bacteria as gram positive and gram negative and give two examples of each. K2 (2)
- 2) Define Specimen. Give examples of ocular specimens. K1 (3)
- 3) Contrast selective media from differential culture media. K2 (4)
- 4) Illustrate various steps of altered vascular permeability with the help of a well labelled diagram. K2 (6)
- 5) Identify and explain cellular events during acute inflammation K3 (6)
- 6) Construst a short note on chronic conjunctivitis. K3 (9)
- 7) Categorize various chemicals used for gram staining as primary dye, secondary dye, decolorizer and fixer and highlight the importance of each. K4 (8)
- 8) Distinguish acute bacterial conjunctivitis from Angular bacterial conjunctivitis. K4 (12)

**OR**

- Distinguish acute inflammation from chronic inflammation. K4 (12)