

School of Medical and Allied Sciences**Bachelor of Optometry
Semester End Examination - Jul 2024****Duration : 180 Minutes
Max Marks : 100****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*

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| 1) | Recall two gram positive bacteria. | K1(2) |
| 2) | Explain the principle of Hot air oven and list out the materials that are suitable to be sterilised in an autoclave. | K2(4) |
| 3) | Summarize all the methods that utilize the principle of wet heat sterilisation in detail. | K2(6) |
| 4) | Develop a short note on Hyperacute bacterial conjunctivitis and its types. | K3(9) |
| 5) | Construct a flowchart to depict various types of ocular parasites. Elaborate acanthamoebal corneal ulcer in detail. | K3(9) |
| 6) | Appraise general guidelines for management of conjunctivitis. | K5(10) |
| 7) | Distinguish Viral keratitis from bacterial keratitis. | K4(12) |
| 8) | Determine the conjunctival signs of trachoma. | K5(15) |
| 9) | Justify the use of non-steroidal drugs in a case of conjunctivitis. | K5(15) |
| 10) | Elaborate the clinical picture and management of herpes simplex keratitis. | K6(18) |