

School of Medical and Allied Sciences

**B.Sc Medical Lab Technology
Summer Term Examination – July - August 2024**

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

Sem II - L1UD201T / BMLS2001- General Medical 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) | Define immunity and explain its significance in the human body. | K1(2) |
| 2) | Demonstrate the process moist heat sterilization process. | K2(4) |
| 3) | Summarize and explain the purpose of transport media in preserving and transporting microbial samples. | K2(6) |
| 4) | Organize and categorize biomedical waste generated in a medical microbiology laboratory | K3(9) |
| 5) | Organize the steps involved in quality control of culture media in a laboratory setting. | K3(9) |
| 6) | Justify the uses of microscope in microbiology lab. | K5(10) |
| 7) | Categorize bacteria based on their nutritional requirements, | K4(12) |
| 8) | Evaluate the application of fluroscent microscope in microbiology lab. | K5(15) |
| 9) | Evaluate the funtion of anitgen and antibody . | K5(15) |
| 10) | Design a system for preparing anaerobic culture media in a laboratory setting. | K6(18) |