

**School of Medical and Allied Sciences**

**M.Sc Medical Lab Technology  
Semester End Examination - Jun 2024**

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

**Sem II - L1PG202T - Immunology and Serology***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 Antibody  | K1(2)  |
| 2)  | Demonstrate the properties of T and B -lymphocytes and NK cells                                    | K2(4)  |
| 3)  | Summarize and explain about principle of immunization  | K2(6)  |
| 4)  | Organize the Structure, properties and functions of the immune cells                               | K3(9)  |
| 5)  | Organize the foreignness, molecular size and heterogeneity of Antigens                             | K3(9)  |
| 6)  | Justify about Antigen-Antibody reaction  | K5(10) |
| 7)  | Categorize about immediate and delayed type hypersensitivity reactions                             | K4(12) |
| 8)  | Evaluate the location, structure and function of Thymus and Bone marrow                            | K5(15) |
| 9)  | Evaluate the term Complement activation pathway  | K5(15) |
| 10) | Design a system for Structure, properties and functions of Neutrophils, eosinophils, and basophile | K6(18) |