

QP Code: 201384

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary Examinations  
September 2024  
(Pathology)**

**Paper V - Blood Banking & Immunopathology**

Time: 3 hrs.

Max. marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

**Essays:**

**(10x10=100)**

1. Blood transfusion in auto immune haemolytic anemia.
2. Enumerate the tests essential before an organ transplantation.
3. Enumerate the types of tests based on the antigen-antibody reaction.
4. Disposal of waste and biologically hazardous substances in a blood bank.
5. Medico legal aspects of blood transfusion.
6. Enumerate the differences between innate and acquired immunity.
7. B cell Immunodeficiency diseases.
8. Laboratory methods for detection of Cellular Immunity.
9. Organisation of a blood bank—space, equipments, personnel and documents required.
10. Blood transfusion reactions and their investigation.

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