

QP Code: 201384

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations July 2022  
(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 a patient with Bombay blood group.
2. What are the tests used in the diagnosis of Systemic Lupus Erythrematosis (SLE).
3. Blood components - technique for their separation and storage.
4. Applications of hybridoma techniques in biomedical research.
5. Enumerate the functions of B cells and their significance in Immunity.
6. T cell Immunodeficiency diseases.
7. Diseases transmitted by blood transfusion and methods to prevent them.
8. Enumerate the various blood group systems and their significance.
9. Quality Assurance and Drugs Control Regulation in the blood bank.
10. Enumerate the diseases where Type II Hypersensitivity reaction is the pathogenesis.

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