

QP Code: 201384

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations
January 2026
(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. Describe the etiopathogenesis of hemolytic diseases of newborn. How can you differentiate between ABO incompatibility and Rh incompatibility
2. Graft versus Host reactions
3. Artificial Blood
4. Describe the principle, procedure and interpretation of QBC (quantitative buffy coat)
5. Coombs test
6. Enumerate the cells included in immune system with brief description of their roles in immunity
7. Hypersensitivity reactions
8. Lupus anticoagulant syndrome
9. Describe the procedure of a blood donor selection. What are the donor reactions
10. Enumerate the components of blood. Describe how each of them are stored
