

QP Code: 201384

Reg. No.....

**Second Year M.Sc. MLT Degree Supplementary Examinations  
October 2021  
(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 HLA typing
2. Write in detail ABO and Rh typing.
3. List the autoimmune disorders. Discuss the mechanisms of Autoimmune disease. List the tests for establishing the diagnosis
4. Enumerate transfusion reactions. How do you investigation in case of transfusion reactions.
5. Quality assurance in blood banking
6. Describe the blood components, their preparation and storage and indications.
7. Recombinant DNA Technology.
8. Describe mechanism of anaphylaxis.
9. Describe compatibility testing
10. Describe type IV hypersensitivity reaction.

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