

QP Code: 201384

Reg. No.....

**Second Year M.Sc. MLT Degree Regular/Supplementary Examinations
September 2023
(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. Discuss the pathogenesis and diagnosis of haemolytic disease of newborn
2. Discuss autologous transfusion
3. Quality assurance in blood bank
4. Discuss the mechanisms of autoimmune diseases
5. Discuss Type IV hypersensitivity reaction
6. Transfusion transmitted diseases and their screening tests
7. Applications, principles and types of ELISA
8. Write briefly on combined immunodeficiency disorders
9. Clinical significance of Rh blood group system and techniques of Rh typing
10. What is major histocompatibility complex. Discuss its role in organ transplantation
