

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
WARANGAL, TELANGANA STATE – 506 002**

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: OCTOBER, 2023

TRANSFUSION MEDICINE

PAPER – II

(IMMUNOHEMATOLOGY, IMMUNOGENETICS AND APPLIED SEROLOGY)

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on the following:

10 X 10 = 100

1. Investigation of delayed haemolytic transfusion reaction.
2. Resolution of Type II ABO discrepancies.
3. Haemolytic disease of foetus and new born.
4. Factors affecting red cell antigen and antibody reactions.
5. Quality control of Anti-A and Anti-B reagents.
6. Platelet cross-match.
7. Poly agglutination syndrome.
8. Application of flow cytometry in immunohematology.
9. Antigens and antibodies of Kidd blood group system.
10. Types and screen policy – Merits and demerits.
