

PAPER CODE: 1091

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

M.D/ M.S DEGREE EXAMINATIONS: JUNE, 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 a short essay on the following:

10 X 10 = 100

1. HTLA (High Titre, Low Avidity) antibodies.
2. Immune haemolytic transfusion reaction.
3. Molecular mechanisms responsible for Rh D negative phenotype.
4. Pan agglutination.
5. Passenger lymphocyte syndrome.
6. Mechanism of heparin induced thrombocytopenia.
7. Neonatal alloimmune thrombo cytopenia.
8. Rh haemolytic disease of new born.
9. Immuno haematological monitoring in a case of ABO mismatched bone marrow transplantation.
10. Quality essential element in immunohematology laboratory.
