

**Q.P.CODE:201-NR**

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA  
M.D. DEGREE EXAMINATION – APRIL, 2018

**TRANSFUSION MEDICINE**

Paper-II – Immunohaematology, Immunogenetics and applied serology

Time : 3 Hours

Max. Marks: 100

Note : Answer all questions

All questions carry equal marks

Draw neat diagrams wherever necessary

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WRITE SHORT ESSAYS ON THE FOLLOWING:

- 1) Platelet refractoriness
- 2) Describe the various potentiators used in immunohematology
- 3) ABO discrepancies and their resolution
- 4) Detection and identification of red cells alloantibodies
- 5) Pan agglutination
- 6) Passenger lymphocyte syndrome
- 7) Lewis blood group system
- 8) Sub groups of blood group A and their identification and significance
- 9) HLA
- 10) Donath-Landsteiner antibody

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