

201-NR

M.D. DEGREE EXAMINATION – APRIL, 2015

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) What are the prerequisites of antibody identifications?
- 2) What is the principle of RFID(Radio Frequency Identification)? What is its role in Blood banking?
- 3) Platelet crossmatch.
- 4) Role of Flow cytometry in Transfusion medicine.
- 5) Weak D Variants and their relevance.
- 6) Mixed field agglutination reaction.
- 7) Describe Mixed lymphocyte culture test and its applications.
- 8) Explain in brief the prerequisites for Electronic cross match.
- 9) Neonatal Alloimmune Thrombocytopenia.
- 10) Adsorption and Elution in red cell serology.

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