

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

DR NTR UNIVERSITY OF HEALTH SCIENCES :: VIJAYAWADA  
M.D. DEGREE EXAMINATION – MAY, 2017

**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) Secretor status and its importance
- 2) Discuss the problems and techniques in cross matching for neonatal transfusion
- 3) Significance of Cross-match to Transfusion Ratio (CTR) in Transfusion Medicine
- 4) Blood group systems
- 5) Principle of antiglobulin test and factors affecting the sensitivity of IAT (Indirect Antiglobulin Test)
- 6) Transfusion transmitted diseases
- 7) Haemolytic disease of the new born
- 8) Weak or missing antigens
- 9) Bombay blood group
- 10) Pre transfusion testing

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