

QP Code:102108

Reg.No.:.....

**PG Degree Supplementary Examinations in Transfusion Medicine (MD) -
November 2015**

Paper II - Immunohaematology, Immunogenetics and Applied Serology

Time: 3 hrs

Max marks:100

- ***Answer all questions***
- ***Draw diagrams wherever necessary***

Essays: (20)

1. Discuss the various factors affecting red cell antigen – antibody reaction. What are the differences between IgG and IgM mediated red cell destruction.

Short essays: (8x10=80)

2. Platelet cross-match
3. Type I ABO discrepancy
4. Lectins and its use in red cell serology
5. Red cell chimerism
6. Duffy blood group system
7. Mechanism of febrile non-haemolytic transfusion reactions
8. Extended phenotype cross-match
9. Type and screen policy
