

QP Code:102108

Reg.No.:.....

**PG Degree Supplementary Examinations in Transfusion Medicine (MD)
- November 2013**

Paper II – Immunohaematology, Immunogenetics and Applied Serology

Time: 3 hrs

Max marks:100

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

Essays: (20)

1. Describe various elements of compatibility testing. How will you resolve a case of incompatible cross match and provide appropriate unit of red cells.

Short essays: (8x10=80)

2. Describe role of various neutralising substances in red cell antibody identification
3. High titre low avidity (HTLA) antibody
4. Discuss the role of blood groups in paternity testing
5. Describe various types of anti sera used for typing RhD with its uses
6. DAT negative auto immune haemolytic anaemia
7. Immunohematological monitoring in ABO mismatched BMT
8. Quality standards for blood grouping anti sera
9. Quantification of foeto-maternal haemorrhage
