

QP Code:102108

Reg.No.:..... .

PG Degree Examinations in Transfusion Medicine (MD) - May 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 the requisite elements of pre transfusion testing and explain how the pre transfusion test differs between conventional cross matched blood and units released by electronic cross match.

Short essays: (8x10=80)

2. Ii antigen system.
3. Poly agglutination.
4. Elution procedures and its application.
5. Discuss about "Levey-Jenning chart" and its application in transfusion medicine.
6. What is meant by "Window Period" and "Residual Risk" in relation to the microbial screening of the blood supply.
7. Weak D and partial D antigens.
8. Chimerism
9. Mechanisms of drug induced haemolytic anemia.
