

QP Code: 102108

Reg. No.:.....

**PG Degree Supplementary Examinations in Transfusion Medicine (MD) -
November 2016**

Paper II – Immuno haematology, Immuno genetics and Applied Serology

Time: 3 hrs

Max marks:100

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

Essays:

(20)

1. What is transfusion related immuno-modulation. Describe the possible mechanisms for its beneficial and deleterious effects. How do you prevent it.

Short essays:

(8x10=80)

2. Duffy blood group system and its significance.
3. Adsorption procedures and its application
4. Paroxysmal cold haemoglobinuria.
5. Discuss about various blood group discrepancies.
6. Molecular methods for HLA typing.
7. Uses of enzymes in blood group serology.
8. Platelet specific antigens and its significance.
9. IgA deficiency and its significance in transfusion medicine.
