

QP Code:102108

Reg.No.:.....

**PG Degree Supplementary Examinations in Transfusion Medicine (MD) -
November 2017**

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 pathogenesis of auto immune haemolytic anaemia? Explain the transfusion support in warm auto immune haemolytic anaemia

Short essays:

(8x10=80)

2. Differences between class I and II major histocompatibility complex molecules
3. Preparation of poly specific anti human globulin
4. Febrile non haemolytic transfusion reactions
5. Characteristics of antigen antibody reactions
6. Relative immunogenicity of various blood group antigens
7. Basic immune system genetics
8. IgA deficiency and its significance in transfusion medicine
9. MNS blood group system
