

**QP Code:102108**

**Reg. No.:.....**

**PG Degree Supplementary Examinations in Transfusion Medicine (MD)  
October 2019**

**Paper II - Immunohaematology, Immunogenetics and Applied Serology**

**Time: 3 hrs**

**Max marks:100**

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

**Essay:**

**(20)**

1. Describe various immunologic transfusion reactions. How will you approach a case of suspected blood transfusion reaction in a thalassemia patient.

**Short essays:**

**(8x10=80)**

2. Platelet antibodies and their significance
3. LJ chart in transfusion transmitted disease testing
4. Kell blood group system.
5. Donath Landsteiner test.
6. Nested polymerase chain reaction
7. Paternity testing
8. Passenger lymphocyte syndrome.
9. Chimerism

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