

**QP Code:103108**

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

**PG Degree Regular/Supplementary Examinations in Transfusion  
Medicine (MD) May 2022**

**Paper III - Blood Donor Organization, Technology of Components, Clinical  
Hemotherapy**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay:**

**(20)**

1. Leucoreduction of blood components and its role in prevention of transfusion  
related complications

**Short essays:**

**(8x10=80)**

2. Pathogen inactivation
3. Briefly discuss the donor recruitment and retention strategies
4. Nucleic acid amplification test in screening of transfusion transmitted infections.
5. Passenger Lymphocyte syndrome
6. Management of Haemophilia A with inhibitors
7. National plasma policy
8. Write an SOP for discarding TTI reactive blood
9. Discuss role of transfusion services in disaster management.

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