

QP Code:103108

Reg. No.:.....

**PG Degree Supplementary Examinations in Immuno Haematology
and Blood Transfusion Medicine (MD) July 2025**

**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. Discuss in detail the sources and collection of stem cells. Give an account of processing procedures for collected stem cells. What are the legal aspects involved in cord blood banking.

Short essays: (8x10=80)

2. Donor hemo-vigilance.
3. Autologous blood transfusion.
4. Intra Venous Immune Globulins (IVIG).
5. Describe the action of fibrin sealants.
6. Discuss strategies of blood donor motivation.
7. Discuss the various viral inactivation methods used for blood products.
8. Discuss the objectives of National Blood Policy.
9. Write short notes on look back program in Blood Banking.
