

QP Code:103108

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Immuno
Haematology and Blood Transfusion Medicine (MD) November 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. Define Apheresis. List the types and various systems available for apheresis. Give indications for the various types of therapeutic apheresis.

Short essays: (8x10=80)

2. Mention the indications for Granulocyte transfusions. Discuss its process of collection and storage.
3. Describe the methods of monitoring haemolytic disease of fetus and new born (HDFN). What are the indications for intrauterine RBC transfusion.
4. Recombinant erythropoietin and its role in patient blood management.
5. Platelet additive solutions.
6. Voluntary blood donation – advantages and strategies to promote.
7. Hemovigilance program of India.
8. Describe methods to minimise transmission of TTI (Transfusion Transmitted Infections).
9. National Plasma Policy.
