



RAN-2406121601010503

M. D. (Immuno Haematology and Blood Transfusion)

Examination September - 2025

Paper - III (Set - 1)

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

M. D. (Immuno Haematology and Blood Transfusion)

Name of the Subject :

Paper - III (Set - 1)

Subject Code No.: **2406121601010503**

Seat No.:

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Student's Signature

(2) Answer all questions.

(3) Draw diagrams wherever necessary.

Q. 1. Describe Apheresis under following heading:

(5+20 = 25)

- Principle of apheresis.
- Discuss Therapeutic Plasma Exchange in terms of patient preparation, indications, volume to be exchanged & adverse effects.

Q. 2. Write about Patient blood management (PBM).

(10+10+5=25)

- Definition & scope of PBM.
- Discuss about different pillars of PBM.
- How will you establish PBM in practice at your blood centre.

Q. 3. Write short notes on any five of the following. (5×10=50)

- a. Strategies to reduce bacterial contamination of blood.
 - b. Being in charge of the blood center, you are asked for the purchase of Automated Cell Separator. Give its specifications for the purpose of buying the Automated Cell Separator.
 - c. Corrected count increment & percentage platelet recovery.
 - d. Management of blood loss in Jehovah's Witness.
 - e. ISHAGE protocols.
 - f. Describe the role of Social Media and technology in donor recruitment.
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