

**RAN-2406121601010501****M.D. (Immuno Haematology and Blood Transfusion)****Examination September - 2025****(Paper - I) Set - I****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 - I) Set - I

Subject Code No.: 2406121601010501

Seat No.:

Student's Signature

(2) Answer all questions.

(3) Draw diagrams wherever necessary.

Q-1. Discuss RH Blood Group System, nomenclature along with it's clinical importance. (25)

Q-2. Describe Platelet structure and function.

a. Discuss Pathophysiology and management of Disseminated Intravascular Coagulation (DIC) (15 +10)

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

- Describe structure of HIV and different modalities of laboratory diagnosis
- What is Zeta Potential? Discuss its role in antigen-antibody reactions.
- Discuss role of cytokines in Transfusion Medicine.
- Write Short note on TRALI
- Discuss role of Erythropoietin in hematology.
- National Blood Policy