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RAN-2406120601010503

M.D. (Pathology) Examination April - 2025

Haematology, Transfusion Medicine (Blood Banking)

and Laboratory Medicine

Paper - III

Time: 3 Hours]

[Total Marks: 100

સૂચના : / Instructions

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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. (Pathology)

Name of the Subject :

**Haematology, Transfusion Medicine (Blood Banking)
and Laboratory Medicine Paper - III**

Subject Code No.: **2406120601010503**

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
- (3) Write Legibly
- (4) Figures to the right indicate full marks.

Q-1. Discuss laboratory investigation and prognostic factors in Acute lymphoblastic leukemia. **(20 Marks)**

Q-2. Enumerate and classify causes of pancytopenia. Discuss pathogenesis and lab diagnosis. **(20 Marks)**

Q-3. Write Short Notes on each (60 Marks)

- a. Immune Hemolytic anaemia.
- b. Write about platelet receptors and ligand interaction.
- c. Hairy cell leukemia.
- d. Single donor platelet transfusion.
- e. Laboratory approach to eosinophilia
- f. Alpha Thalassemia

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