



RAN - 2503000504017001

RAN-2503000504017001

S. Y. B. Sc. MLT (Sem. - IV) Examination April - 2025

MLT - MJ - 401 - Basics of Haematology

Time: 1 Hour]

[Total Marks: 25

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:
☛

Name of the Subject :
☛

Subject Code No.:

Seat No.:

- (2) Figures to the write indicate the full marks of the questions.
(3) Draw the figures wherever necessary.

- Q. 1. Answer in short on the following: 05**
- Define: Macrocytosis.
 - Enlist any two abnormal morphology of RBC based on poikilocytosis.
 - What are red cell indices?
 - What is thrombocytopenia?
 - Mention any two functions of blood
- Q. 2. Attempt any two the following: 10**
- Explain leukopoiesis in detail.
 - Describe the blood collection technique in detail.
 - Give detailed note on anticoagulants.
- Q. 3. Attempt any two of the following: 10**
- Describe the structure of hemoglobin and give note on Sahli's method.
 - Describe WBC count and its morphology.
 - Write a short note on ESR.