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RAN-2503000504047001

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

Medical Laboratory Technology (Minor Elective)

MLT-ME-401 : Blood Banking

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:

S. Y. B. Sc. (NEP) (Sem. - IV)

Name of the Subject :

**Medical Laboratory Technology (Minor Elective)
MLT-ME-401 : Blood Banking**

Subject Code No.: **2503000504047001**

Seat No.:

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Student's Signature

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

- Q. 1. Answer in short/ one word. (Any 5) 05**
1. What is the storage temperature for platelet concentrate?
 2. What is the colour of anti sera A?
 3. Which anticoagulants are used in blood bank?
 4. Give any one reason for deferral of donor.
 5. What is the full form of SAGM?
 6. Who is founder of ABO blood group system?
- Q. 2. Attempt any two of the following: 10**
1. Discuss in detail-Antigens and antibodies of ABO system
 2. Write a note on RH blood group system
 3. Give a brief History of transfusion Medicine
- Q. 3. Write short notes on any two of following: 10**
1. Donor selection criteria in detail
 2. Cross matching-major and Minor
 3. Preparation of red cell concentrate