


RAN-2503000504047001
S.Y.B.Sc. (NEP) (Sem. IV) Examination April - 2026
Medical Laboratory Technology (Minor Elective) : Blood Banking
Time: 1 Hour]
[Total Marks: 25
સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.
- (2) Figures to the right indicate the full marks of the questions.
- (3) Draw the figures wherever necessary.

Seat No.:

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Student's Signature

Q. 1 Answer in short/ one word. (Any 5)
(05)

1. What is the storage temperature for red cell concentrate?
2. Name other blood group system.
3. Give the full form of CPDA.
4. Can a 17 years old boy donate blood? Yes or No.
5. Which cell and serum is used in Major cross match?
6. Who discovered ABO blood group?

Q. 2 Attempt any two of the following:
(10)

1. Write in detail about ABO antigen.
2. Who discovered RH system? Write in detail about Rh Antigen and antibodies.
3. Organization of a blood bank : Explain.

Q. 3 Write short notes on any two of following:
(10)

1. Venous blood collection
2. Donor selection criteria
3. Anti globulin tests