

RAN-2603000506037001

T.Y.B.Sc. (NEP) (Sem. VI) Examination March - 2026

MLT-MJ-603 : Clinical Biochemistry-2

Medical Laboratory Technology (Major)

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.: <table border="1" style="width: 100%; height: 40px; border-collapse: collapse;"> <tr> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> <td style="width: 16.6%;"></td> </tr> </table> Student's Signature						

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

1. What is function of Glucagon?
2. Enlist stages of diabetes.
3. Write normal range of Blood glucose level.
4. Define derived lipids with examples
5. What is Hypercholesterolemia?
6. What is the full-form of LDL and HDL?

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

1. What is GTT? Explain oral GTT in brief.
2. Write a note on glycosylated Hb.
3. Insulin is important to maintain blood glucose level, justify.

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

1. Lipoproteins are classified on different bases, explain.
2. Write a brief note on metabolism of Chylomicron.
3. Write name of method, Principle, normal range and procedure of blood TG estimation.