

RAN-2503000505047001

T.Y.B.Sc. (NEP) (Sem. V) Examination March - 2026
MLT-ME-501 : Basic of Biochemistry - 1
Medical Laboratory Technology

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) Draw the figures wherever required. (3) Figures to the right indicate the marks.	Seat No.: Student's Signature
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- Q.1. Answer the following in short: (Any 5) 05**
1. What are non-reducing sugars? Give examples.
 2. What is racemic mixture?
 3. What are anomers?
 4. Define derived lipids.
 5. What are unsaturated fatty acid? Give examples.
 6. Write any two functions of phospholipids.
- Q.2. Answer the following: (Any 2) 10**
1. Explain physical properties of monosaccharides in detail.
 2. Write a note on disaccharides.
 3. What are mucopolysaccharides? Give examples and importance of Heparin.
- Q.3. Answer the following: (Any 2) 10**
1. What are phospholipids? Give detail account on sphingophospholipids.
 2. Explain properties of triglycerides.
 3. Give structure properties and functions of cholesterol.