

RAN-2503000505046001
B.Sc. (NEP) (Sem. V) Examination March - 2026
MB-ME-501 : Microbiology (Minor)
Quality Control and Quality Assurance
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	Seat No.: Student's Signature
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- Q.1. Give specific answers. 05**
1. State the benefits of accreditation.
 2. Write the expanded form of TQM.
 3. State the two phases of internal quality control.
 4. Define disinfection.
 5. Mention two safety precautions that laboratory personnel should follow for self-protection..
- Q.2. Explain/Comment on any two of the following. 10**
1. Describe pre-analytical variables in relation to internal quality control.
 2. Explain the role of the Clinical and Laboratory Standards Institute (CLSI).
 3. Discuss in detail the objectives and significance of the Quality Council of India (QCI).
- Q.3. Write short notes on any two of the following. 10**
1. Auditing the microbiology laboratory.
 2. Types and operation of biosafety cabinets.
 3. Specimen collection under Good Microbiological Techniques.