



RAN-2503000504046001

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

Minor-1-Microbiology (Biomolecules)

(Paper - MB - ME - 401)

Time: 1 Hour]

[Total Marks: 25

સૂચના : / Instructions

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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.

Name of the Subject :

☛ Minor-1-Microbiology (Biomolecules) (Paper - MB - ME - 401)

Subject Code No.: 2503000504046001

Seat No.:

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Student's Signature

Q.1. Answer the following questions (any FIVE)

[05]

1. Define: Protein.
2. Give 2 names of optical isomers of amino acids?
3. Define: Carbohydrate and state its general formula.
4. Name the simplest monosaccharide along with its formula.
5. State the importance of fatty acids.
6. How many types of RNA exists?

Q.2. Write short note on the following (any TWO)

[10]

1. State the classification & properties of amino acids.
2. State the functions of carbohydrates.
3. Write a note describing fatty acids & triacylglycerols

Q.3 Write short note on the following (any TWO)

[10]

1. Structure & properties of protein
2. Functions of DNA & RNA.
3. Organization of DNA.