

2403000502028001
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (SECOND SEMESTER) (NEP)
MAJOR-2-BIOSCIENCE (MICROBIOLOGY)
PAPER - II THEORY
(MICROBIAL BIOCHEMISTRY) - LEVEL 2

[Time: As Per Schedule]

[Max. Marks: 35]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination: **BACHELOR OF SCIENCE (SECOND SEMESTER) (NEP)**
 - b. Name of the Subject: **MAJOR - 2 BIOSCIENCE (MICROBIOLOGY) PAPER - II THEORY (MICROBIAL BIOCHEMISTRY) – LEVEL 2**
 - c. Subject Code No: **2403000502028001**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Short answer question. (Any Five)

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1. Enlist the disaccharides
2. What is glycosidic bond?
3. Give any two example of conjugated protein.
4. Describe in brief steroids.
5. State any two purines.
6. Enlist the non-essential amino acids

Q.2 Answer any two of the followings.

10

1. Describe in brief starch & glycogen.
2. Write a note on disaccharide.
3. Discuss the various sugar derivatives.

Q.3 Answer any two of the followings.

10

1. Describe the structural classification of amino acid.
2. Explain in brief the secondary structure of protein.
3. Write a note on steroid.

Q.4 Answer any two of the followings.

10

1. Explain in brief classification of lipid
2. Describe the structural aspects of nucleotides.
3. Write a note on types of RNA.
