

2103000204020115
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE (FOURTH SEMESTER)
BIO SCIENCE (MICROBIOLOGY) PAPER – III

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination : **BACHELOR OF SCIENCE (FOURTH SEMESTER)**
 - b. Name of the Subject : **BIO SCIENCE (MICROBIOLOGY) PAPER - III BS-401- MICROBIAL CYTOLOGY & PHYSIOLOGY**
 - c. Subject Code No : **2103000204020115**
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 Multiple choice question. (MCQs)

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1. NAM means:
 - A. N-acetyl murein
 - B. N-acetyl muramic acid
 - C. N-acetoyl muramic acid
 - D. None
2. One of the following is the Gram Positive bacterium.
 - A. Escherichia coli
 - B. Salmonella typhi
 - C. Bacillus subtilis
 - D. All
3. The bacterium Staphylococcus aureus is which type of bacteria?
 - A. Psychrophile
 - B. Mesophile
 - C. Thermophile
 - D. Mesophile and psychrophile
4. The optimum pH for the growth of most bacteria lies between_____
 - A. 5-9
 - B. 6.5-7.5
 - C. 2-3.5
 - D. 9-9.5
5. A population of cells arising from a single cell is known as _____
 - A. Pure culture
 - B. Mix culture
 - C. Single culture
 - D. None

