

2303000501038001
EXAMINATION FEBRUARY-MARCH 2024
BACHELOR OF SCIENCE(FIRST SEMESTER) NEP
MINOR-BIOSCIENCE (MICROBIOLOGY) PAPER - I
(FUNDAMENTAL MICROBIOLOGY)
THEORY-LEVEL 3

[Time: As Per Schedule]

[Max. Marks: 25]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **BACHELOR OF SCIENCE (FIRST SEMESTER) NEP**
 - b. Name of the Subject : **MINOR BIOSCIENCE (MICROBIOLOGY) PAPER - I (FUNDAMENTAL MICROBIOLOGY) THEORY-LEVEL 3**
 - c. Subject Code No : **2303000501038001**
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.

5

1. Enlist blue green algae.
2. Define - Spontaneous generation.
3. Give the full form of SEM, TEM
4. Give the two examples of basic dye.
5. State the any two antiseptics.
6. Describe Phytoplankton.

Q.2 Answer any two of the followings.

10

1. Write a note on contribution of Robert Koch.
2. Explain in brief position of microbes in living world.
3. Write a note on -- Fundamental branch of microbiology.

Q.3 Answer any two of the followings.

10

1. Describe in brief mechanism of positive & negative staining.
2. Describe in brief moist heat sterilization.
3. Write a note on - types of microscopy.
