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RAN-2403000502036003

B.Sc. (NCF - NEP) (Sem. II) Examination April - 2025

Microbiology Paper III (MB - MN - 202)

Atypical Procaryotes

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:

B.Sc. (NCF - NEP) (Sem. II)

Name of the Subject :

Microbiology Paper III (MB - MN - 202) Atypical Procaryotes

Subject Code No.: **2403000502036003**

Seat No.:

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Student's Signature

- (2) Figures to the right indicate full marks of the question.
(3) Draw neat and labelled diagrams whenever necessary.

Q-1. Answer in very short. (Any Five)

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- State full form of PPLO.
- Mention one effective drug for chlamydia.
- Write down one name of the substance that can induce L-forms of bacteria.
- Give one example of actinomycete.
- What is akinete?
- Mention any two subdivided groups of archaeobacteria.

Q-2. Answer the following in detail. (Any Two)

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- Discuss laboratory diagnosis of rickettsia.
- Write a note on the development cycle and morphology of chlamydia.
- Give a detailed note on general characteristics and classification of mycoplasmas.

RAN-2403000502036003]

[1]

[P.T.O.]

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Q-4. Answer the following in brief. (Any Two)

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- a. Describe parasitic reproduction stages of bdellovibrios.
 - b. Discuss common properties of archaeobacteria.
 - c. Write a note on anoxygenic phototropic bacteria.
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