


RAN-2403000502036003
B.Sc. (NCF-NEP) (Semester-II) Examination April - 2026
Microbiology : MB-MN-202 : Microbiology Paper-III, Atypical Prokaryotes
Time: 1 Hour]
[Total Marks: 25

સૂચના : / Instructions (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવર્ણી પર અવશ્ય લખવી. Fill up strictly the above details on your answer book. (2) Figures to the right indicate full marks of the question. (3) Draw neat and labelled diagrams whenever necessary.	Seat No.: <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> Student's Signature						

- Q-1. Give Specific answers (Any Five):** **05**
- State true or false: Rickettsiae is obligate intracellular parasite.
 - How chlamydia multiply?
 - Give full term of PPLO.
 - What is thermoplasma?
 - Define akinetes.
 - Name the disease caused by actinomycetes.
- Q-2. Explain any Two of the following:** **10**
- Morphology and cultivation of Rickettsiae.
 - Write a short note on: L-forms
 - Write a detailed note on Mycoplasma and its characteristics.
- Q-3. Explain any Two of the following:** **10**
- Write a short note on Bdellovibrio
 - Explain the characteristics of halophiles.
 - Briefly explain purple phototrophic bacteria.