



RAN-2403000502036003

B. Sc. (NCF-NEP) (Sem. - II) Examination October - 2025
MB-MN-202 : Microbiology (Paper - III) Atypical Procaryotes

Time: 1 Hour]

[Total Marks: 25

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી 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.:

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Student's Signature

- Q. 1. Answer in very short. (Any Five) (05)**
- a. State full form of EB.
 - b. Which reaction is very useful serological diagnostic test for rickettsial infection?
 - c. What is mycoplasma?
 - d. Which genus in actinomycetes is an important source of antibiotics?
 - e. Mention the length of bdellovibrios.
 - f. Give one example of blue-green algae.
- Q. 2. Answer the following in detail. (Any Two) (10)**
- a. Discuss L-forms of organisms.
 - b. Write a note on laboratory diagnosis and cultivation of chlamydia.
 - c. Give a detailed note on symptoms and transmission of rickettsia.
- Q. 3. Answer the following in brief. (Any Two) (10)**
- a. Describe purple and green phototropic bacteria.
 - b. Discuss about thermolasma.
 - c. Write a note on bdellovibrios.