

RAN-2403000502038001
F.Y.B.Sc. (NEP) (Semester-II) Examination April - 2026
Bioscience (Microbiology)
BM-MN-2 : Biology of Microbes
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 labeled diagrams whenever necessary.	Seat No.: Student's Signature
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Q-1. Multiple choice questions. (Any Five)
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- 1) An example of Methanogens, except
a) Methanobacterium b) Thermoplasma.
c) Methanothermus d) Methanococcus
- 2) Which of the following is spore former?
a) Bacillus b) Clostridium
c) Sporosarcina d) All
- 3) Which of the following is a photosynthetic protozoa?
a) Amoeba b) Euglena
c) Plasmodium d) Balantidium
- 4) Which of the following is an asexual spore?
a) Blastospore b) Chlamyospore
c) Sporangiospore d) All
- 5) Dimorphic fungi has forms
a) Y form b) M form
c) Y & M form d) Z form
- 6) Agar agar is obtain from
a) Bacteria b) Algae
c) Fungi d) Protozoa

Q-2. Answer any two of the followings.
10

- 1) Describe in brief physiological types of archeobacteria.
- 2) Draw a neat & labelled diagram of ultrastructure bacterium.
- 3) Write a note on Paramecium.

Q-3. Answer any two of the followings.
10

- 1) Write a note on Harmful aspects of fungi.
- 2) Draw a neat & labelled diagram of ultrastructure algal cell
- 3) Discuss the characteristics of Fungi.