

RAN-2503000505038001

T.Y.B.Sc. (NEP) (Sem. - V) Examination October - 2025

Bioscience (Microbiology) - New Major

Epidemiology & Medical Microbiology : BM - MJ - 503

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) Draw neat and labelled diagrams wherever necessary (3) Figures to the right indicate full marks of the question.	Seat No.: Student's Signature
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Q. 1 Multiple choice questions. (Any Five)

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- When primary infection is super imposed by another new infection is called _____.
 - Reinfection
 - Super infection
 - Secondary infection
 - All
- Which of the following is an example of skin flora?
 - Vibrio cholerae*
 - E. coli*
 - Salmonella typhi*
 - None
- MIC can be determined by _____.
 - E - test
 - Disc diffusion test
 - Agar ditch method
 - All
- Candidiasis is caused by _____.
 - virus
 - bacterium
 - parasite
 - fungus
- Female Ascaris can be differentiated from male by _____.
 - presence of Cloaca
 - presence of penial setae
 - shorter size than the male and curved posterior end
 - longer than the male and straight posterior end
- The region where the polio virus multiplies in the body is
 - intestinal cells
 - nerve cells
 - muscle cells
 - none

Q. 2 **Answer Any Two of the following.**

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1. Describe in brief direct transmission.
2. Write a note on - Epidemiological tools.
3. Describe in detail about dilution test for MIC.

Q.3 Write an essay on - Typhoid Fever.

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OR

Q. 3 Answer the following questions.

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1. Describe in brief pathogenesis & symptoms of Rabies.
2. Write a note on - Amoebiasis.