


RAN-2603000506016001
B.Sc. (Microbiology) (Semester-VI) Examination March - 2026
MB-MJ-601-Medical Microbiology
Time: 1 Hours]
[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.: <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> Student's Signature						

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| Q-1. | Give specific answers. (Any Five) | 05 |
| | 1) Define infectious disease.
2) What is meant by virulence factor?
3) Define chain of infection.
4) What is Miliary Tuberculosis.
5) Mention vector for transmission of Dengue.
6) Name the causative agent of Amoebic dysentery. | |
| Q-2. | Answer in Brief on any two of the following: | 10 |
| | 1) Explain the establishment of infection in a host with suitable examples.
2) Describe the chain of infection. Justify: Breaking any one link of infectious cycle can prevent disease transmission.
3) Discuss factors affecting emerging and re-emerging diseases. | |
| Q-3. | Answer in Brief on any two of the following: | 10 |
| | 1) Describe the pathogenesis, transmission and prevention of Tuberculosis.
2) Explain the life cycle of Plasmodium and its role in malaria transmission.
3) Compare food-borne infections caused by <i>E. coli</i> and Salmonella. | |