

RAN-2203000206026002

B.Sc. (Microbiology) (Sem. VI) Examination March - 2026
Epidemiology And Medical Microbiology (Paper - MB - 602)

Time: 2 Hours]
[Total Marks: 50

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" style="width: 100%; height: 20px; border-collapse: collapse;"> <tr> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> <td style="width: 15%;"></td> </tr> </table> Student's Signature						

- Q. 1 Give Specific answers. (8)**
1. Define : Reservoir.
 2. What is a Pathogenicity Island?
 3. Name 2 vaccines in India used against COVID-19 infection.
 4. Elaborate Caseous lesion and Ghon complexes.
 5. What is Sporogony?
 6. Define Congenital Syphilis.
 7. How does Rotavirus cause diarrhoea?
 8. Mention the symptoms of botulism.
- Q. 2 Explain/Comment on Any 2 of the Following: (14)**
1. Enlist the common food borne diseases? Discuss Pathogenesis, Diagnosis and Treatment of Salmonellosis.
 2. Role of RS and GIS in control of epidemics.
 3. Tuberculosis : Causative agent, Transmission, Pathogenicity, Symptoms, Diagnosis and treatment.
- Q. 3 Discuss Any 2 of the following: (14)**
1. Nosocomial infections.
 2. Discuss Transmission, Pathogenesis, Laboratory diagnosis, and treatment of Influenza disease.
 3. Write a note on Dengue.
- Q. 4 Write a short notes on any 2 of the following: (14)**
1. Hepatitis A and Hepatitis E infections.
 2. Re-emerging infectious diseases.
 3. Staphylococcal infections.