



RAN-2203000206026002

T. Y. B. Sc. (Microbiology) Sem.-VI Examination September - 2025

MB 602 : Epidemiology and Medical Microbiology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

(૧)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. (Microbiology) Sem.-VI

Name of the Subject :

MB 602 : Epidemiology and Medical Microbiology

Subject Code No.: 2203000206026002

Seat No.:

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Student's Signature

(2) Figures to the right indicate full marks of the question.

(3) Draw neat and labeled diagrams whenever necessary.

Q.1. Give specific answers:

(08)

1. How do super antigens work?
2. Enlist 2 steps used by organism to adhere to host cell.
3. State numbers of HAs and NAs in influenza virus.
4. Inhalation of which type of spores causes Histoplasmosis.
5. State causative agent of Leptospirosis and covid 19 disease.
6. Enlist any 2 malarial parasite species that cause Malaria.
7. State any 2 diagnostic methods for cholera.
8. State how rotavirus cause diarrhea.

Q.2. Explain/comment on any two of the following.

(14)

1. Bacillary dysentery is an acute diarrheal illness.
2. Various different conditions are found with Aspergillus infection.
3. Epidemiological methods helps to rule out the disease cause.

Q.3. Discuss any two of the following. (14)

1. Describe virulence factor in detail.
2. Write a detail note on- Staphylococcal skin infection.
3. Discuss pathogenicity, lab diagnosis and Treatment of Consumption disease in detail.

Q.4. Write short notes on any two of the following. (14)

1. Hepatitis.
 2. Malarial life cycle.
 3. Histoplasmosis.
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