



RAN - 2203000206026002

RAN-2203000206026002

T. Y. B. Sc. Microbiology (Sem. - VI) Examination April - 2023

Microbiology

MB 602: Epidemiology and Medical Microbiology

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(1)

नीचे दृशविले निशानीवाणी विगतो उत्तरवही पर अवश्य लखवी.

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 :

Microbiology 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.
(3) Draw neat and labeled diagrams wherever necessary.

Q. 1. Give specific answers.

[12]

- A. Explain Antigenic drift and shift with example.
B. Define following terminologies
1. Endemic
2. Pandemic
C. Define Vertical transmission of pathogens with example.
D. Name two viruses which cause the Gastroenteritis.
E. Give the full form of following
1. ETEC
2. DAEC
F. Give four name of vector borne transmitted disease.

- Q. 2. Comment on / justify any two of the following : [12]**
- A. Epidemiology is an evidence-based science
 - B. There are various reason for the complex antibiotic therapy used to treat tuberculosis.
 - C. Shigellosis is also known as bacillary dysentery.
- Q. 3. Explain any two of the following in detail. [16]**
- A. Enlist and explain in detail about virulence factors of Pathogen.
 - B. Explain in detail about pulmonary aspergillosis and its treatment.
 - C. Life cycle of Plasmodium vivax.
- Q. 4. Write short notes on any two of the following: [10]**
- A. Structure of SARS-CoV2.
 - B. Bacterial Vs Amoebic Dysentery
 - C. Leptospirosis
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