



RAN - 2003000205020071

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T. Y. B. Sc. (Sem. - V) Examination March - 2023

Medical Laboratory Technology : MLT - 11

Bacteriology and Virology

[Total Marks: 50

सूचना : / Instructions

(1)

नीचे दृश्यावले निशानीवाणी विगतो उत्तरवही पर अवश्य लभवी.
Fill up strictly the details of signs on your answer book

Name of the Examination:

T. Y. B. Sc. (Sem. - V)

Name of the Subject :

Medical Laboratory Technology : MLT - 11 Bacteriology and Virology

Subject Code No.: 2003000205020071

Seat No.:

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Student's Signature

Q. 1. Answer the following :

[10]

1. What is Morbidity rate? How is it calculated?
2. Define Antigenic Shift and Antigenic Drift.
3. What is "Black death"? Give its causative agent.
4. Give the causative agent and prevention of AIDS.
5. Differentiate between food infection and intoxication.

Q. 2. Comment or explain any 2 of the following:

[14]

1. Antigenic shift and antigenic drift causes variant forms of influenza.
2. Common culturable organisms associated with human body are highly specific to the site of occurrence.
3. Tetanospasmin causes "lock Jaw" disease.

Q. 3. Discuss in detail Tuberculosis in terms of causative agent, virulence factor, pathogenesis, prevention and laboratory diagnosis. [12]

OR

Q. 3. What is chancre? Write the etiological agent, pathogenesis, laboratory diagnosis and preventive measure associated with this disease. [12]

Q. 4. Write a short note on any two of the following: [14]

1. Rabies.
 2. Epidemiological methods.
 3. Gonorrhoea.
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