



RAN - 2103000204020116

RAN-2103000204020116

S. Y. B. Sc. (Sem. - IV) Examination April - 2023

Bioscience (Microbiology) : BS - 402

Introductory Medical Microbiology

Time: 2 Hours]

[Total Marks: 50

सूचना : / Instructions

(1)

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

Name of the Examination:

S. Y. B. Sc. (Sem. - IV)

Name of the Subject :

Bioscience (Microbiology) : BS - 402 Introductory Medical Microbiology

Subject Code No.: **2103000204020116**

Seat No.:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
----------------------	----------------------	----------------------	----------------------	----------------------	----------------------

Student's Signature

- (2) Draw neat and labeled diagrams wherever necessary.
(3) Figures to the right indicate full marks of the question.

Q. 1. Answer as directed.

12

1. Describe in brief Opsonization.
2. Explain - heterophilic antigen.
3. Give any two example of air borne diseases.
4. What is interferon?
5. Enlist the cells of immune system.
6. Define: TI antigen, Toxemia.

Q. 2. Write an essay on - Virulence of pathogens.

14

OR

Q. 2. Answer the followings questions.

14

1. Describe in detail phagocytosis.
2. Write a note on - Types of infection.

- Q. 3. Answer any two of the followings: 14**
1. Describe in brief microbial antigen.
 2. Write a note on - Ig G.
 3. Describe in brief specific internal defense.

- Q. 4. Write short notes on: (Any two) 10**
1. Physical barrier.
 2. Organs of immune system.
 3. Importance of normal flora.
-