



RAN - 2103000206020072

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

Medical Laboratory Technology

Immunology : MLT - 18

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:

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

Name of the Subject :

Medical Laboratory Technology - Immunology : MLT - 18

Subject Code No.: **2103000206020072**

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Draw diagrams wherever necessary.

Q. 1. Answer the following in very short:

(08)

- Name the cells of immune system.
- Write four applications of monoclonal antibody.
- Define precipitation. Name two types of precipitation reaction.
- Enlist the types of antibody-mediated hypersensitivity reactions.

Q. 2. Answer any two of the following:

(14)

- Explain the role of physical barriers in Immunity.
- Explain the structure and characteristics of IgG immunoglobulin.
- What is autoimmunity? Explain Autoimmune Hemolytic Anemia in brief.

Q. 3. Write an essay on any one of the following:

(12)

- Write a detailed note on Agglutination reaction.
- Explain the immediate type of hypersensitivity reaction in detail.

Q. 4. Write short notes on:

(16)

- a) Secondary lymphoid organs.
 - b) Types of antigens.
 - c) Monoclonal antibody production.
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