



# RAN-1225

## B.Sc. (Semester-VI) Medical Technology Examination

March / April - 2019

MT - 18: Immunology

Time: 2 Hours ]

[ Total Marks: 50

### સૂચના : / Instructions

(1)

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

Name of the Examination:

B.Sc. (Semester-VI) Medical Technology

Name of the Subject :

MT - 18: Immunology

Subject Code No.: 1 2 2 5

Seat No.:

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Student's Signature

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

**Q. 1 Answer the following.**

**(10)**

- A. List the Physiological barriers of the host against infection.
- B. Explain about Racial immunity with example.
- C. Give clinical uses of monoclonal antibody
- D. What is prozone phenomenon?
- E. What is immunoglobulin? Enlist types of immunoglobulin

**Q.2 Write in details on any TWO of the following.**

**(14)**

- A. T-cells
- B. IgG
- C. Types of antigen

**Q.3 Write an essay on any ONE of the following. (12)**

- A. What is autoimmunity? Write in detail about autoimmune hemolytic anemia.
- B. Write an account of various types of antigen-antibody reactions.

**Q.4 Write short note on any TWO of the following. (14)**

- A. Define vaccine. Give types of vaccine and their characteristics.
  - B. Agglutination reactions.
  - C. Anaphylactic reaction.
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