



RAN-1178

B. Sc. (Sem. VI) Examination

March / April - 2019

Bioscience 603 : Clinical Immunology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

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. (Sem. VI)

Name of the Subject :

Bioscience 603 : Clinical Immunology

Subject Code No.: 1 1 7 8

Seat No.:

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Student's Signature

Instructions :

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

Q.1 Give Specific answers

12

1. Explain: Ascoli's thermo precipitation test.
2. Describe in brief Coomb's serum.
3. What is the role of complement system in immunology?
4. Describe in brief classification of hypersensitivity.
5. Enlist the passive agglutination test.
6. What is Polyclonal & Monoclonal antibody?

Q.2 (a) Explain in detail application of agglutination reaction.

14

- (b) Describe in detail localized anaphylaxis reaction.

OR

Write a detailed account on Gel precipitation.

14

Q.3 Describe in brief enzyme linked immune sorbent essay. **14**

OR

Describe in brief auto immune diseases. **14**

Q.4 Write short notes on any two of the following **10**

1. IFT
 2. Neutralization.
 3. Type III reaction.
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