



RAN - 2303230201020002

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PGDMLT (Sem. - I) Examination March - 2025

Immunology (Paper - 1002)

Time: 3 Hours]

[Total Marks: 70

સૂચન : / 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:
PGDMLT (Sem. - I)

Name of the Subject :
Immunology (Paper - 1002)

Subject Code No.: 2303230201020002

Seat No.:

Student's Signature

- (2) Illustrate your answers with diagrams wherever necessary.
(3) Figures to the right indicate the marks allotted to the questions.

SET - 2

- Q. 1. Answer in one or two sentences each: (Any 7): 14**
1. What is immunity? Give its classification.
 2. Write the principle of latex test for RA
 3. Define antigen
 4. Name some anatomic barriers in our body.
 5. What is precipitation reaction? Give examples.
 6. What is light chain in immunoglobulin?
 7. What is immunofluorescence? Name some dyes used in it.
 8. Give the full form of ELISA and RIA.
- Q. 2. Attempt any two of the following: 14**
1. Active and passive immunization
 2. What is Innate immunity? Describe its types and mechanism.
 3. Name the cells of immune system and describe any one in detail.

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[P.T.O.] P0300

- Q. 3. Answer any two of the following: 14**
1. Explain the structure of antibody and give its types.
 2. Give the classification of antigen.
 3. Steps of hybridoma technology.
- Q. 4. Answer short notes on any two of the following: 14**
1. Factors affecting antigen antibody reactions.
 2. Agglutination reactions.
 3. Immunoelectrophoresis.
- Q. 5. Answer any two of the following: 14**
1. What is anaphylaxis? Explain.
 2. Pathogenesis of autoimmunity.
 3. Haemolytic autoimmune disease.
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