



RAN - 2003001105020001

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B.Sc. Biotechnology (Sem. V) Examination October - 2023

BT-11 Immunotechnology

Time: 2 Hours]

[Total Marks: 50

સૂચના : / Instructions

(૧)

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. Biotechnology (Sem. V)

Name of the Subject :

BT-11 Immunotechnology

Subject Code No.: **2003001105020001**

Seat No.:

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Student's Signature

Q-1 Define/Answer in short Any Four:

(8)

- HAMA response.
- Organ specific autoimmune disease.
- Agglutination inhibition.
- HAT medium.
- Erythroblastosis fetalis.

Q-2 Attempt Any Two:

(14)

- Write a note on precipitation reactions.
- Application of monoclonal antibodies.
- Chimeric monoclonal antibodies.

Q-3 Explain in detail Any Two:

(14)

- Immunochromatography.
- Transfusion reactions.
- Radioimmunoassay.

Q-4 Attempt Any Two of the following:

(14)

- (a) Discuss systemic autoimmune disease.
 - (b) Subunit vaccines.
 - (c) Live, attenuated vaccines.
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