

2003001105020001
EXAMINATION FEBRUARY -MARCH 2024
BACHELOR OF SCIENCE (FIFTH SEMESTER)
BT-11 IMMUNOTECHNOLOGY - LEVEL 2

[Time: As Per Schedule]

[Max. Marks: 50]

Instructions:

- 1. Fill up strictly the following details on your answer book**
 - a. Name of the Examination: **BACHELOR OF SCIENCE (FIFTH SEMESTER)**
 - b. Name of the Subject: **BT-11 IMMUNOTECHNOLOGY – LEVEL 2**
 - c. Subject Code No: **2003001105020001**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Define/Answer in short Any Four:

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- (a) Atopy reactions.
- (b) Two examples of attenuated vaccines.
- (c) HAMA response.
- (d) Any two applications of Monoclonal antibodies.
- (e) Plasmacytomas.

Q.2 Discuss in detail Any Two:

14

- (a) Hybridoma technology.
- (b) Any two ELISA techniques.
- (c) Chimeric monoclonal antibodies.

Q.3 Explain in detail Any Two:

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- (a) Explain any two types of agglutination reactions.
- (b) Immunofluorescence.
- (c) Hemolytic disease of the newborn.

Q.4 Attempt Any Two of the following:

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- (a) Multivalent subunit vaccines.
- (b) Type IV hypersensitivity.
- (c) Describe briefly about SCID.
