

Roll No.

Y – 1501

B.Sc. (Fourth Semester) (ATKT) EXAMINATION, June 2021

(LAST CHANCE)

BIO-TECHNOLOGY

IMMUNOLOGY AND ANIMAL BIO-TECHNOLOGY

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note—Attempt *all* questions.

Unit-I

1. Discuss in detail the cells and organs of immune system with labelled diagrams. 17

Unit-II

2. Write a detailed note on immunodiagnostics. Add a note on its applications. 17

Unit-III

3. What is MHC, give its types ? Add a detailed note on MHC-I. 17

Unit-IV

4. Differentiate between primary, secondary and tertiary cell cultures. Give its applications in research. 17

Unit-V

5. Differentiate between physical and chemical methods of transfection. 17

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