

Roll No.

Y – 3202
M.Sc. (Second Semester)
EXAMINATION, May/June 2021
MICROBIOLOGY
Paper–202
(Immunology)
Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note : Attempt *all* questions.

Unit-I

1. Write an essay on history and development of Immunology as discipline. 17

Unit-II

2. Discuss molecular mechanism of antibody diversity and class switching. 17

Unit-III

3. What is complement ? How complement system play important role in immune response ? 17

Unit-IV

4. Define Autoimmunity. Explain the mechanism of Autoimmune diseases and their therapeutic approaches. 17

Unit-V

5. What is antibody engineering ? Briefly describe chimeric and humanized monoclonal antibodies with examples. 17