

Roll No.

Y – 3195

M.Sc. (Bio-Technology) (Second Semester)

EXAMINATION, May/June-2021

Paper – 202

IMMUNOTECHNOLOGY

Time : Three Hours

Maximum Marks : 85 (For Regular Students)

Minimum Pass Marks : 29

Maximum Marks : 100 (For Private Students)

Minimum Pass Marks : 34

Note—Attempt *all* questions.

Unit-I

1. What is immunogenicity ? Discuss in detail the factors effecting immunogenicity. 17/20

Unit-II

2. What are antigenic determinants ? Also discuss isotype, idiotypes and allotype antigenic-determinants. 17/20

Unit-III

3. Discuss the role of complement system in immune response with application. 17/20

Unit-IV

4. Explain, what are cytokines ? Discuss in brief therapeutic application of cytokine with related diseases. 17/20

Unit-V

5. Discuss the development of immunodiagnostic kits for infectious and non infectious diseases with suitable example. 17/20

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