



UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 5th Semester Examination, 2020

CC12- ZOOLOGY

IMMUNOLOGY

Full Marks: 40

ASSIGNMENT

The figures in the margin indicate full marks.

Answer any *four* of the following questions

10×4 = 40

1. Write about different types of immunoreactive cells with suitable diagrams.
2. Draw and describe the structure of Class II MHC molecules mentioning its function.
3. Describe the structure of a T cell receptor complex with suitable diagram.
4. Explain antigenicity and immunogenicity. Differentiate B-cell epitope and T-cell epitope giving suitable diagrams.
5. Describe the structure of an immunoglobulin molecule with suitable diagram and compare different immunoglobulin molecules.
6. Define MAC and explain its formation by the classical pathway of complement system.
7. Write in brief on ELISA and comment on its significance.
8. Write briefly on the different types of vaccines.

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