

UG PROGRAM (4 YEARS HONOURS) WITH SINGLE MAJOR
AT THE END OF FOURTH SEMESTER
ZOOLOGY-IMMUNOLOGY (B.Sc. HONOURS-MAJOR)
(w.e.f. Admitted Batch 2023-24)

Time: 3 Hours

Maximum: 70 Marks

Section-A

Answer any Five Questions.

5x4

1. What are the basic components of the immune system?
2. Define antigenicity and immunogenicity.
3. Mention the different types of antibodies.
4. What is the role of T-cells in immune response?
5. Define transplantation immunity. *Cytom*
6. What are adjuvants?
7. Explain the concept of immune tolerance.
8. What is the role of vaccines in immunity?

Section-B

Answer All Questions.

5x10

9. a) Describe the different cells of the immune system and their functions.
(Or)
b) Explain the different types of immune responses.
10. a) Discuss the factors affecting antigenicity.
(Or)
b) Describe the different types of antigens.
11. a) Explain the structure and function of immunoglobulins.
(Or)
b) Discuss the process of antibody production.
12. a) Describe antigen-antibody interactions and their significance.
(Or)
b) Explain the complement system and its role in immunity.
13. a) Discuss the different types of hypersensitivity reactions.
(Or)
b) Explain the immune system disorders related to transplantation.
