

**IMPORTANT QUESTIONS FOR TEE JUNE 2024**

**BACHELOR OF SCIENCE (GENERAL)(BSCG)  
BZYET 141 Immunology**

1. Define antibodies and draw the structure of immunoglobulin with labelled diagram. Explain its distinct properties and functions.
2. Define autoimmunity. Describe autoimmune disorders.
3. Explain the principle of ELISA (EnzymeLinked Immunosorbent Assay) and RIA (Radioimmunoassay).
4. Explain the different types of hypersensitivity according to Gell and Coombs ?
5. Discuss different cytokines that act as mediators of innate and adaptive immune systems.
6. Differentiate between Active immunity and Passive immunity
7. Explain the process of B cell and T cell activation.
8. Differentiate between MHC class-I and II molecules
9. Write note on Opsonisation.
10. What is vaccine ? Explain the mode of vaccine action. Write about advantages disadvantages of vaccination.
11. Write a note on Haptens, immunogen and Antigen
12. Give any five functions of the macrophage. How does antigen lysis occur by alternate pathway of the complement system? Discuss in brief.
13. Write a note on Phagocytosis .
14. Describe the structure of bone marrow with a neat and well-labelled diagram.



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