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1. Write about structure and functions of primary and secondary lymphoid organs. **16**
OR
Write notes on.
a) Complement activation pathway. **8**
b) MHC molecules. **8**
2. Write about types, structure and functions of immunoglobulins. **16**
OR
Write notes on.
a) Monoclonal antibody and hybridoma technology. **8**
b) ELISA. **8**
3. What is hypersensitivity? Explain in details its different types. **16**
OR
What is autoimmunity? Discuss different autoimmune disorders. **16**
4. Write notes on.
a) Tumours of Lymphoid cells. **8**
b) Tumour markers. **8**
OR
Write notes on.
a) Cancer Immunotherapy. **8**
b) Mechanism of graft rejection. **8**
5. a) Write note on antigen presenting cells. **4**
b) Write about western blotting technique. **4**
c) Explain artificial induced tolerance. **4**
d) Write short notes on oncogenes. **4**
